

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126623.D
 Acq On : 20 Jan 2022 20:45
 Operator : CG/JU
 Sample : N1189-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-12

Quant Time: Jan 21 04:15:27 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)

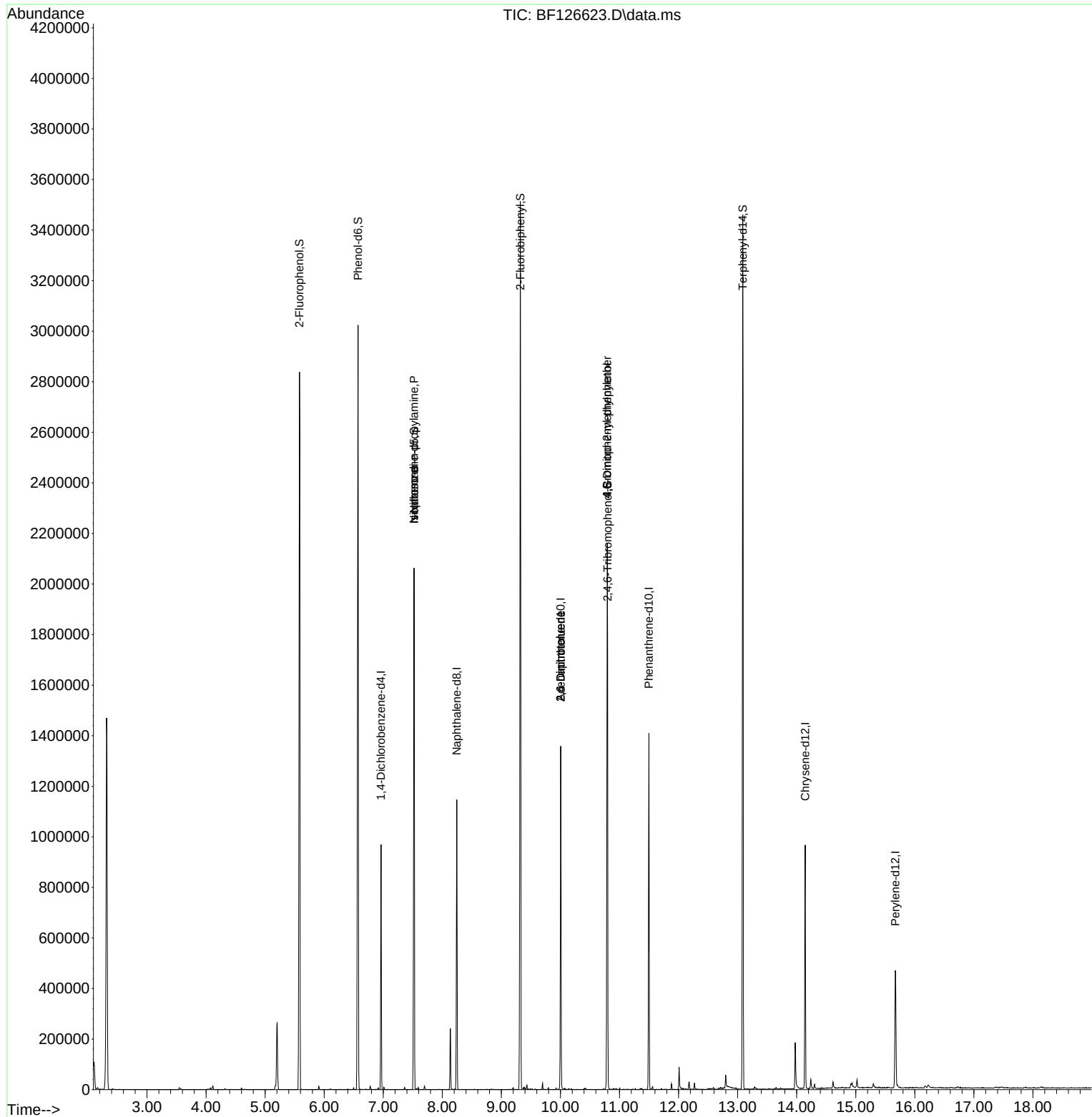
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	112882	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	431788	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	241708	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	427578	20.000	ng	0.00
76) Chrysene-d12	14.145	240	300744	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	219170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	780099	90.939	ng	0.00
7) Phenol-d6	6.575	99	1061680	89.078	ng	0.00
23) Nitrobenzene-d5	7.522	82	769738	69.776	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	221735	98.026	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	973569	61.687	ng	0.00
79) Terphenyl-d14	13.086	244	1111121	61.968	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2230	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	106575	12.252	ng	# 70
25) Isophorone	7.522	82	769722	35.979	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	30403	10.263	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	30403	8.469	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	640	7.637	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	15764	3.199	ng	# 1

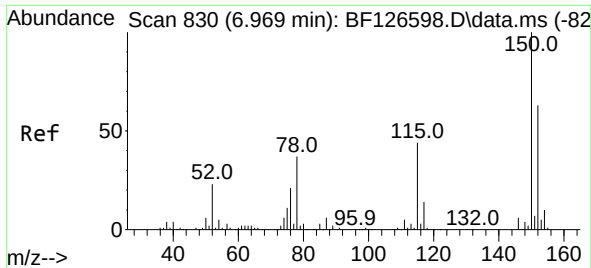
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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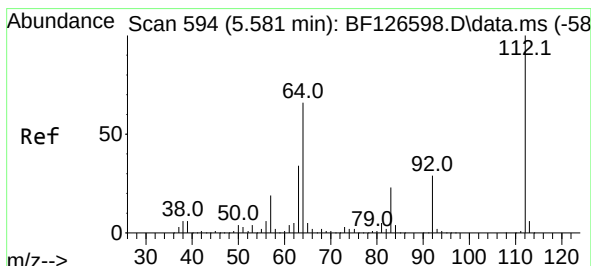
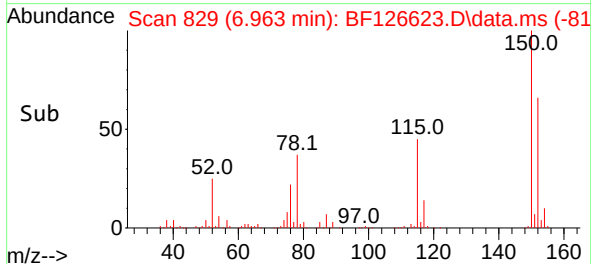
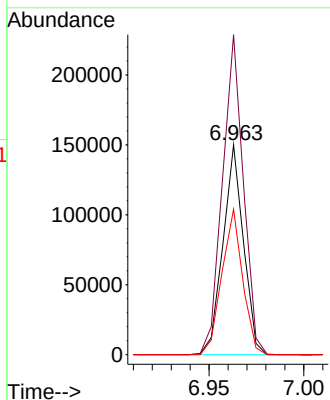
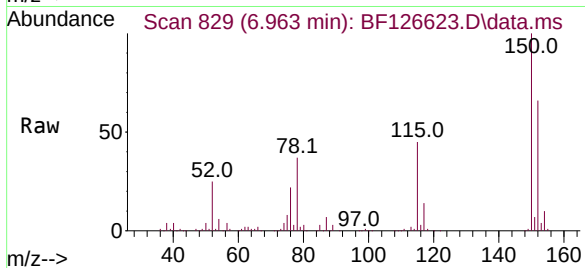




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

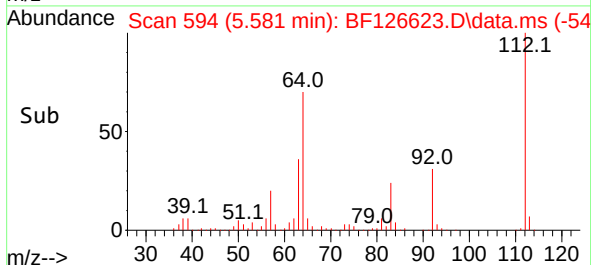
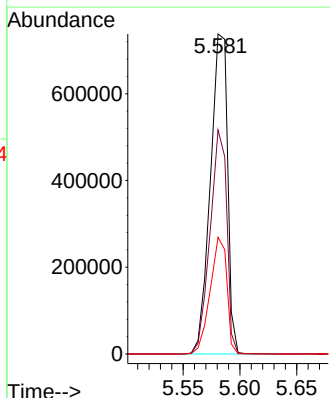
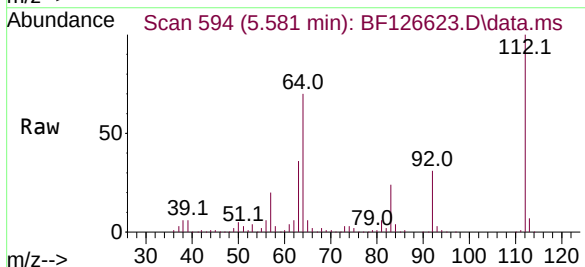
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-12

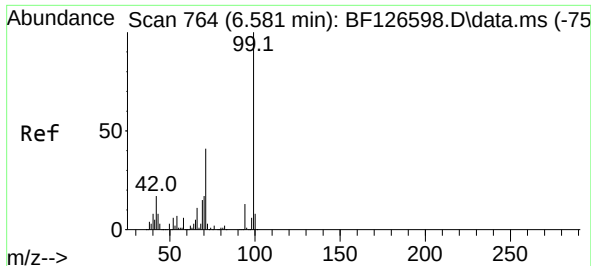
Tgt Ion:152 Resp: 112882
Ion Ratio Lower Upper
152 100
150 152.5 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 90.939 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion:112 Resp: 780099
Ion Ratio Lower Upper
112 100
64 70.0 49.5 74.3
63 36.4 23.9 35.9#





#7

Phenol-d6

Concen: 89.078 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF126623.D

Acq: 20 Jan 2022 20:45

Instrument :

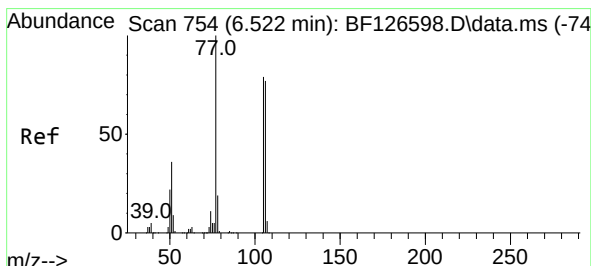
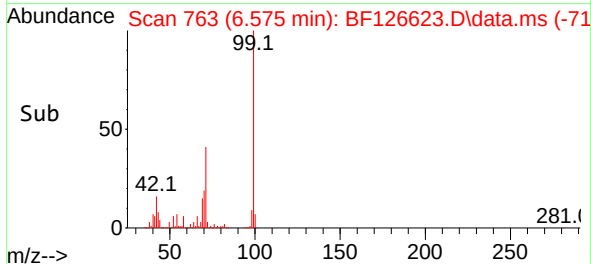
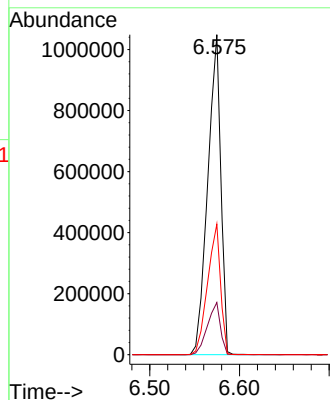
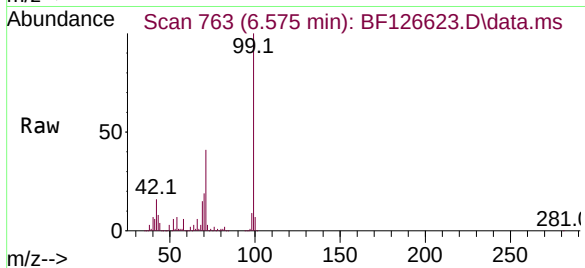
BNA_F

ClientSampleId :

MTR-SOIL-12

Tgt Ion: 99 Resp: 1061680

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.2	21.4
71	40.8	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

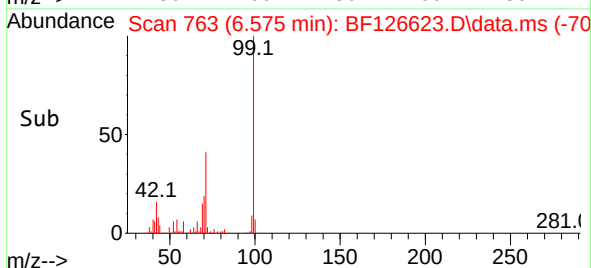
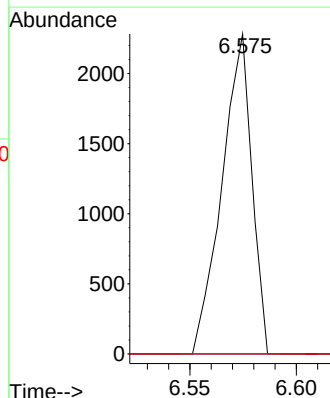
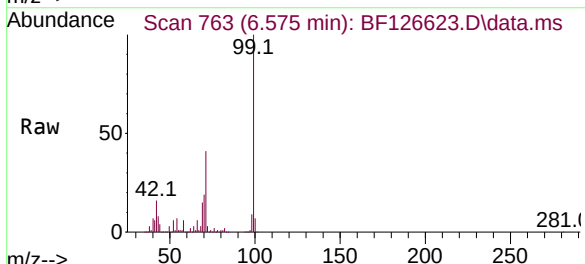
Delta R.T. 0.053 min

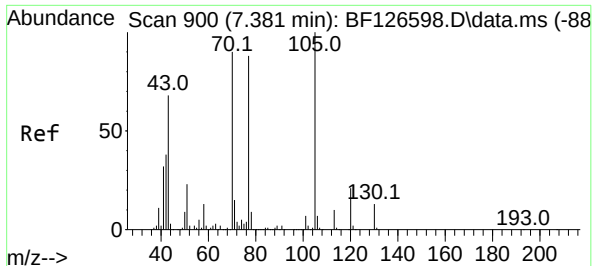
Lab File: BF126623.D

Acq: 20 Jan 2022 20:45

Tgt Ion: 77 Resp: 2230

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: 12.252 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF126623.D

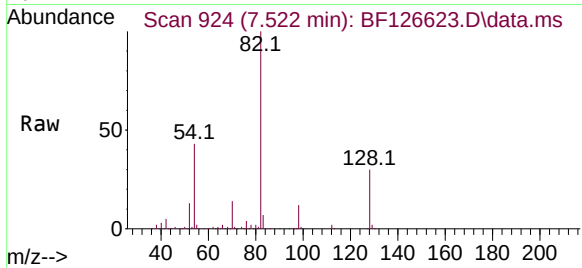
Acq: 20 Jan 2022 20:45

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-12



Tgt Ion: 70 Resp: 106575

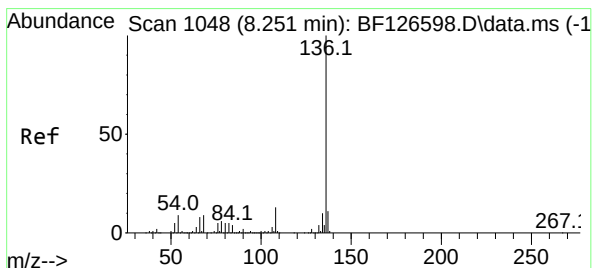
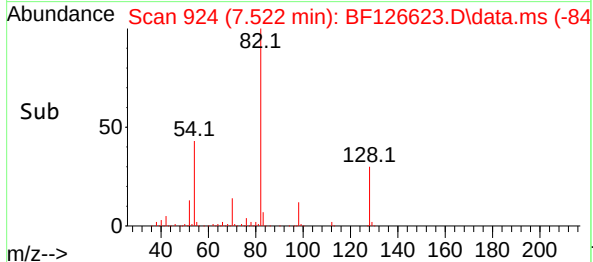
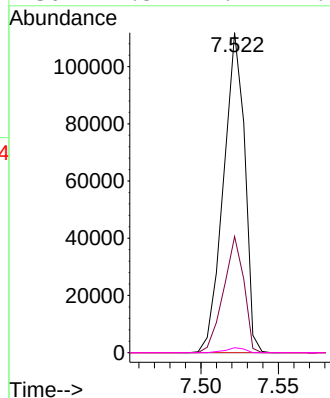
Ion Ratio Lower Upper

70 100

42 36.3 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: BF126623.D

Acq: 20 Jan 2022 20:45

Tgt Ion: 136 Resp: 431788

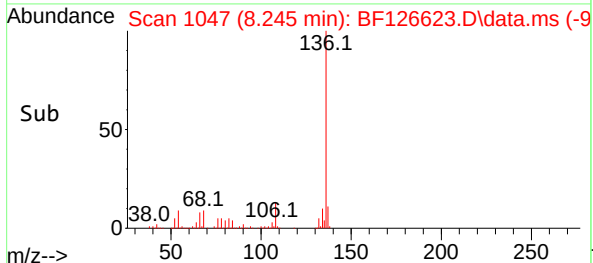
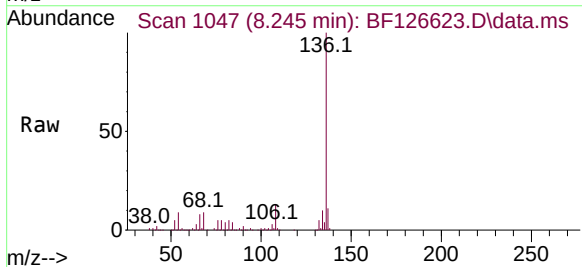
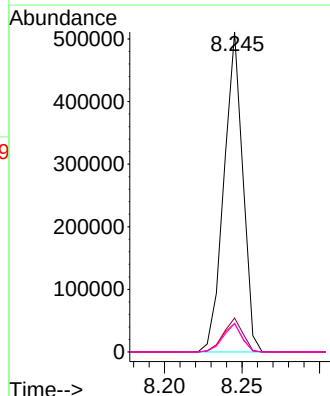
Ion Ratio Lower Upper

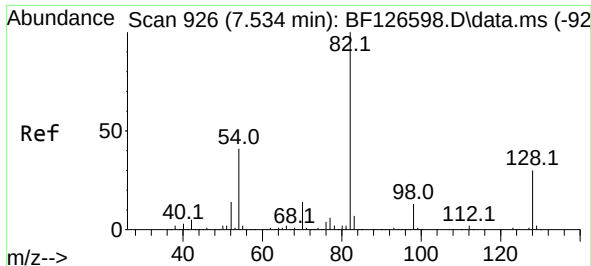
136 100

137 10.6 8.6 13.0

54 8.9 7.8 11.6

68 8.8 6.3 9.5

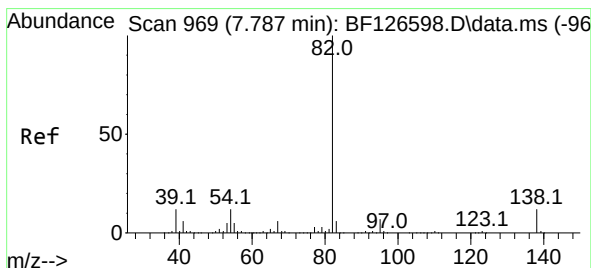
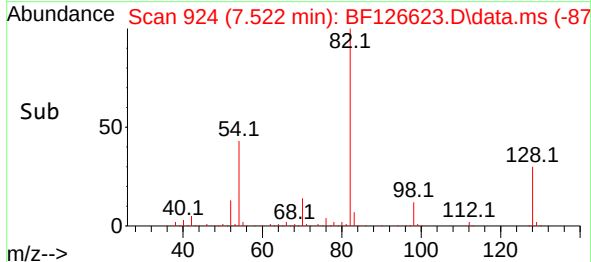
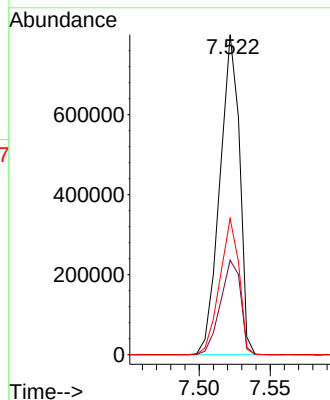
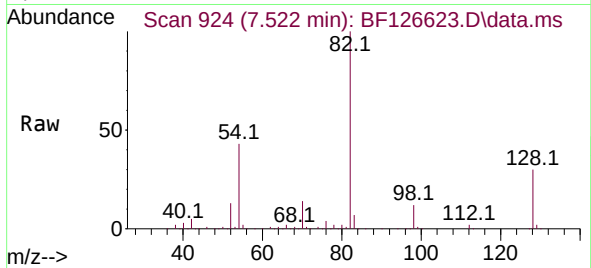




#23
Nitrobenzene-d5
Concen: 69.776 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

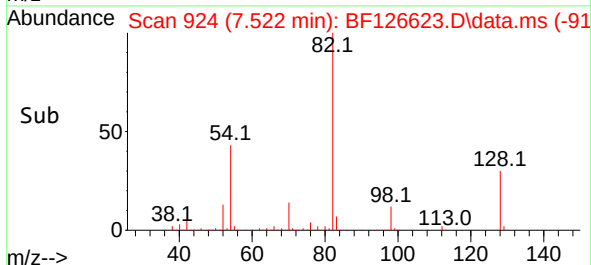
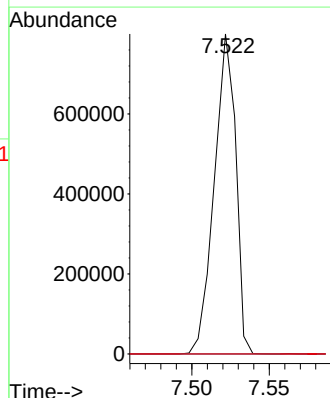
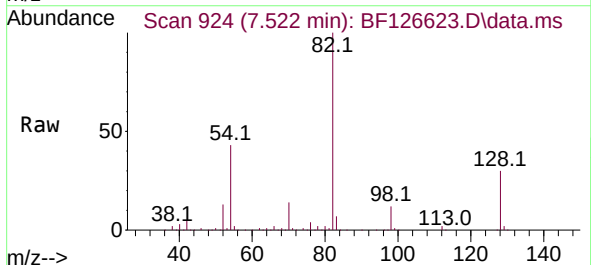
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-12

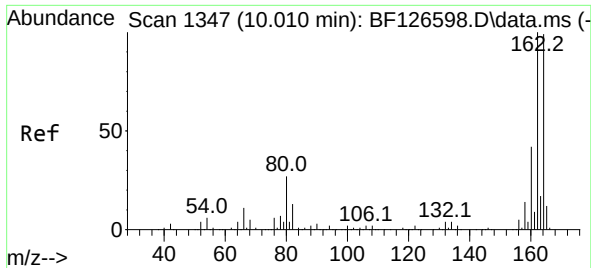
Tgt Ion: 82 Resp: 769738
Ion Ratio Lower Upper
82 100
128 29.6 32.7 49.1#
54 42.5 41.7 62.5



#25
Isophorone
Concen: 35.979 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion: 82 Resp: 769722
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

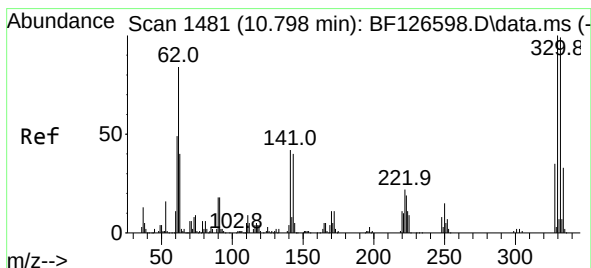
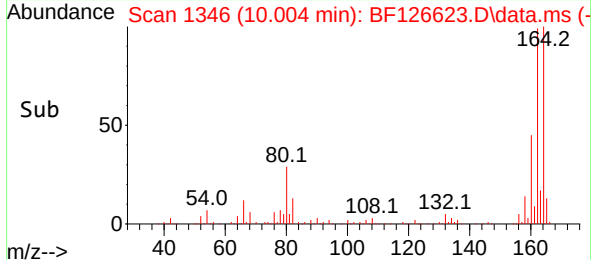
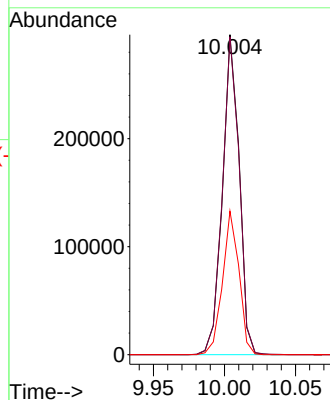
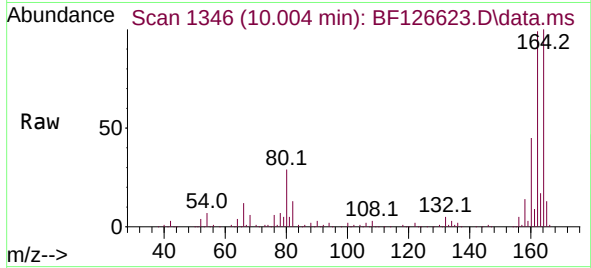




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

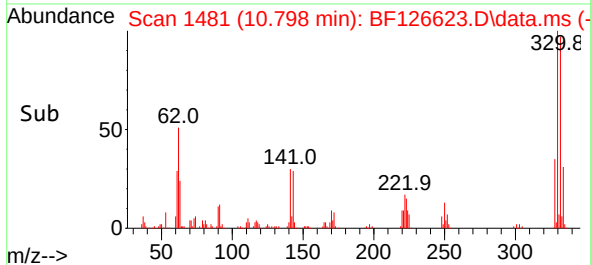
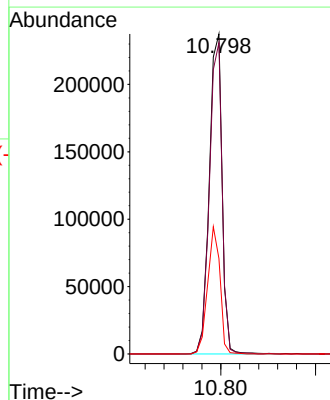
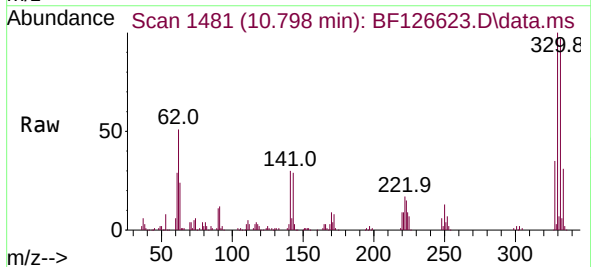
Instrument :
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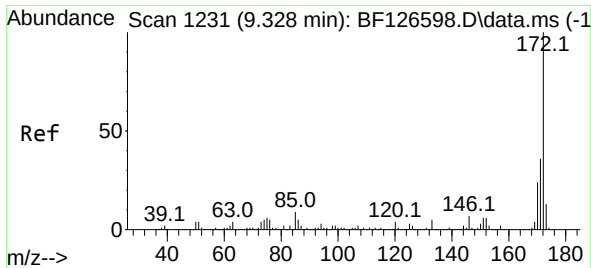
Tgt Ion:164 Resp: 241708
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 44.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 98.026 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion:330 Resp: 221735
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 38.4 30.1 45.1

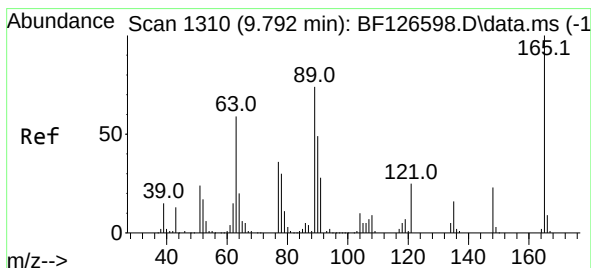
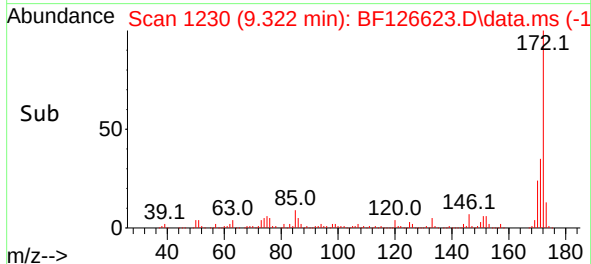
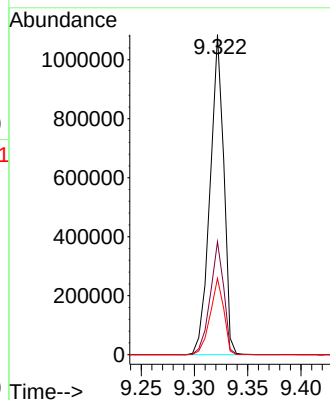
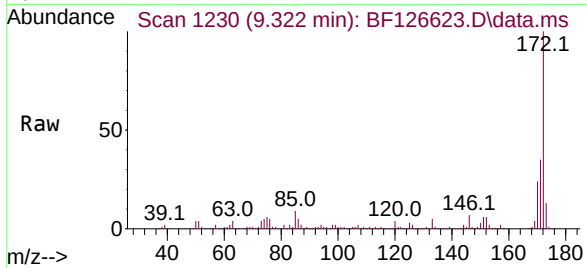




#45
2-Fluorobiphenyl
Concen: 61.687 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

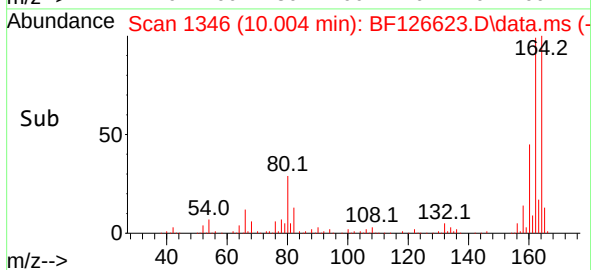
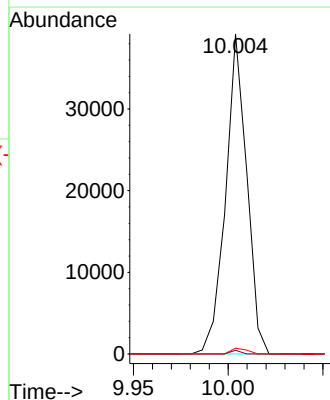
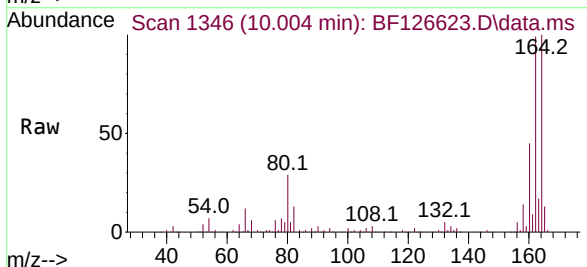
Instrument :
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MTR-SOIL-12

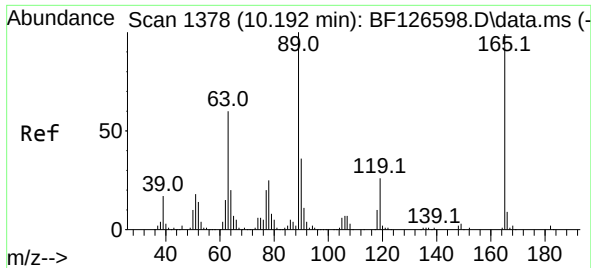
Tgt Ion:172 Resp: 973569
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.9 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.263 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion:165 Resp: 30403
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.8 50.5 75.7#

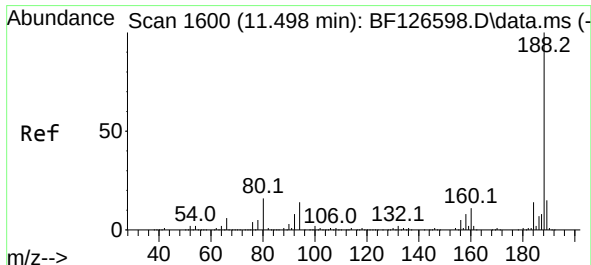
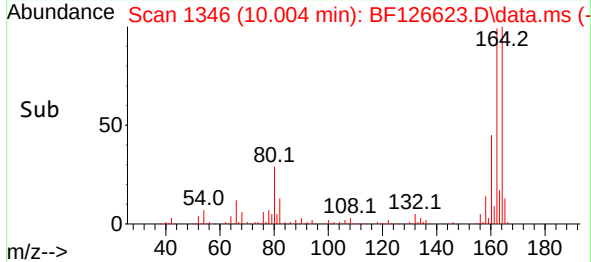
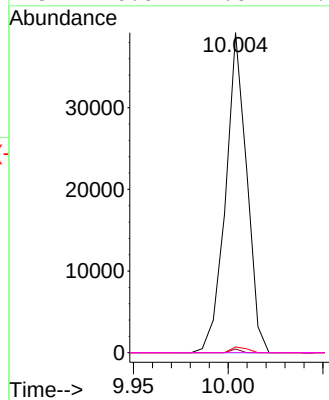
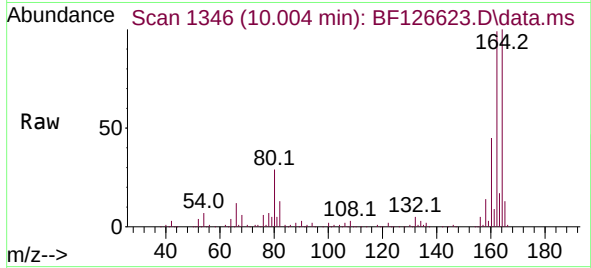




#57
2,4-Dinitrotoluene
Concen: 8.469 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

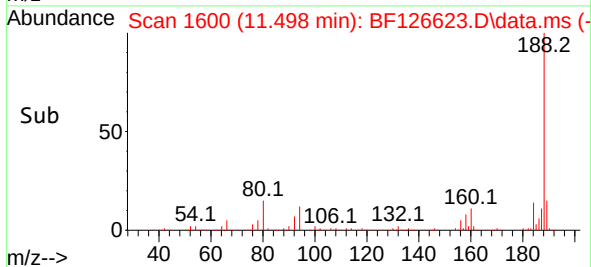
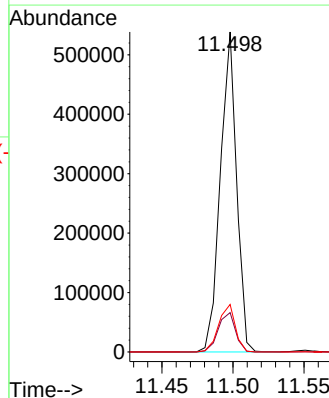
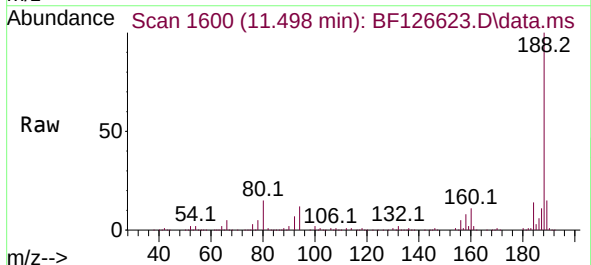
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-12

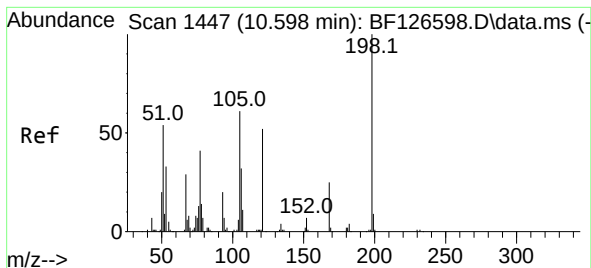
Tgt Ion:165 Resp: 30403
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion:188 Resp: 427578
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 14.9 11.8 17.6

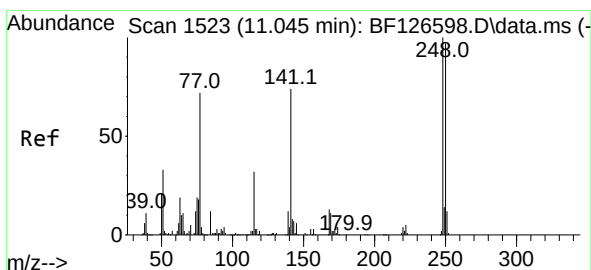
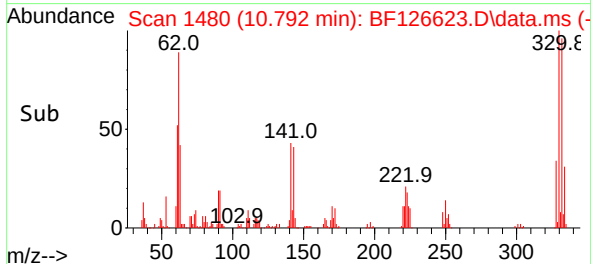
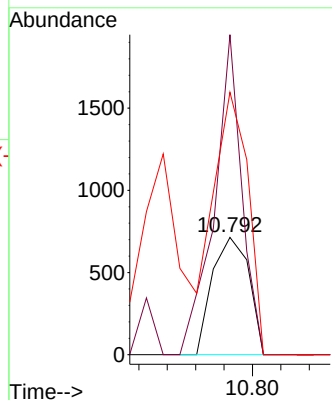
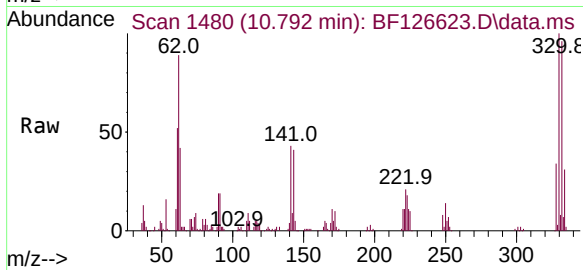




#65
4,6-Dinitro-2-methylphenol
Concen: 7.637 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

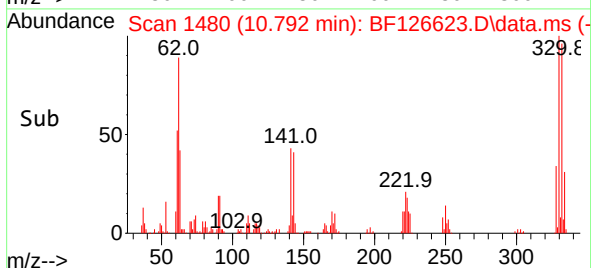
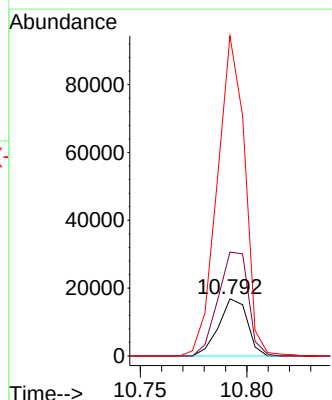
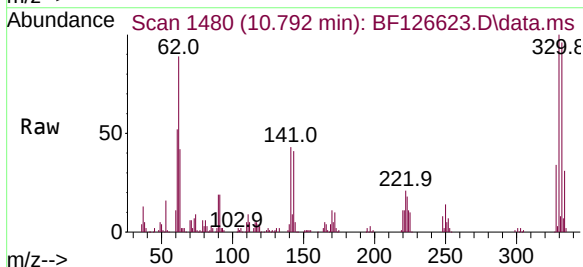
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-12

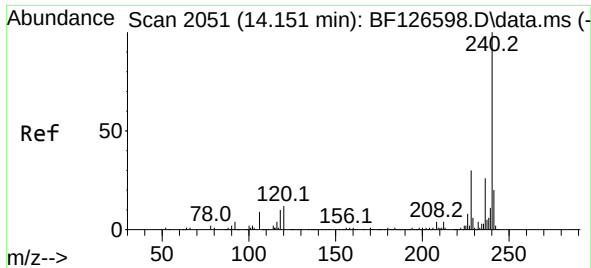
Tgt Ion:198 Resp: 640
Ion Ratio Lower Upper
198 100
51 272.7 32.0 72.0#
105 223.7 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.199 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion:248 Resp: 15764
Ion Ratio Lower Upper
248 100
250 181.9 76.2 114.4#
141 560.9 66.2 99.4#

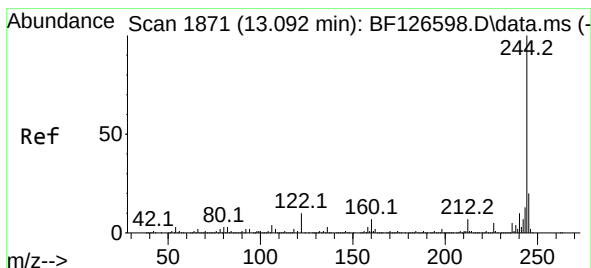
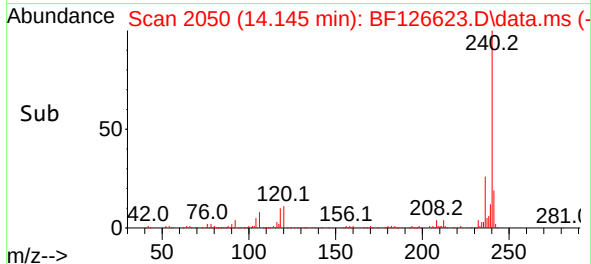
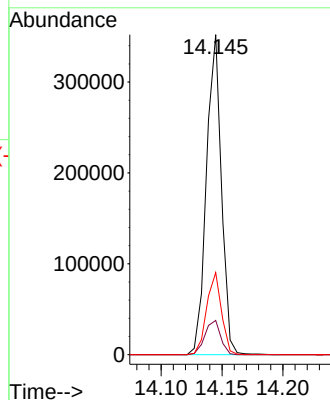
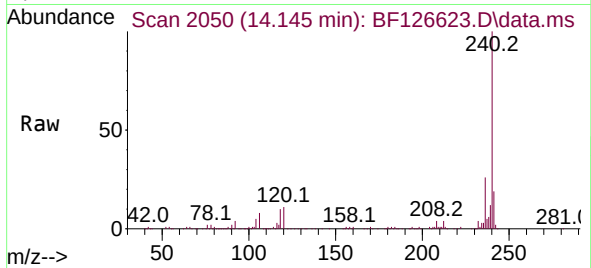




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

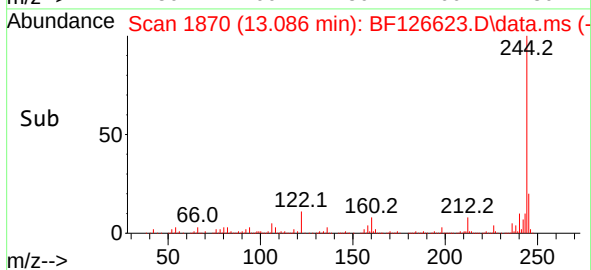
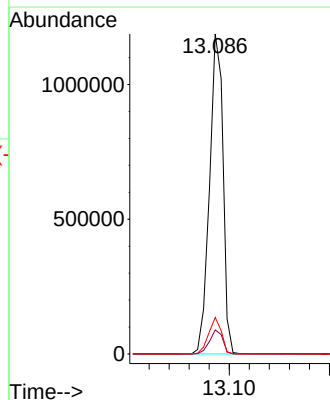
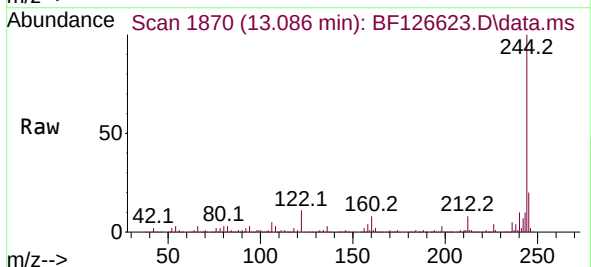
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-12

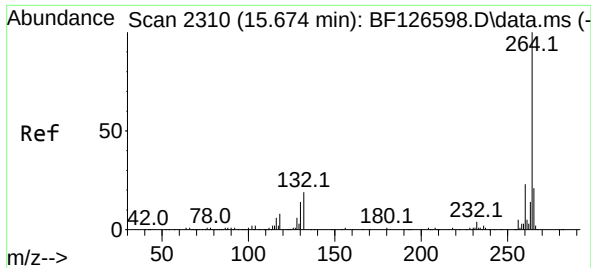
Tgt Ion:240 Resp: 300744
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 61.968 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

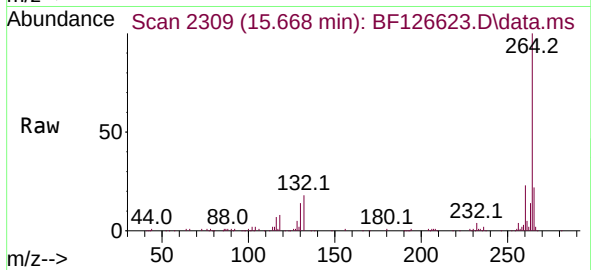
Tgt Ion:244 Resp: 1111121
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 11.4 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126623.D
 Acq: 20 Jan 2022 20:45

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-12



Tgt Ion:264 Resp: 219170
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.8 17.4 26.2

