

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126620.D
 Acq On : 20 Jan 2022 19:26
 Operator : CG/JU
 Sample : N1189-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-9

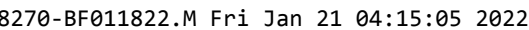
Quant Time: Jan 21 04:15:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

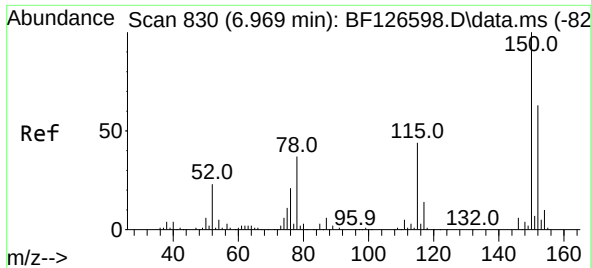
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	111694	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	431961	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	237957	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	415112	20.000	ng	0.00
76) Chrysene-d12	14.145	240	255267	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	214272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	757697	89.267	ng	0.00
7) Phenol-d6	6.575	99	1056553	89.591	ng	0.00
23) Nitrobenzene-d5	7.522	82	766970	69.497	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	194953	87.544	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	955402	61.490	ng	0.00
79) Terphenyl-d14	13.086	244	1004895	66.028	ng	0.00
Target Compounds						
9) Benzaldehyde	6.575	77	2380	Below Cal	Qvalue	
19) n-Nitroso-di-n-propyla...	7.522	70	106968	12.428 ng	#	3
25) Isophorone	7.522	82	766959	35.835 ng	#	69
51) 2,6-Dinitrotoluene	10.004	165	29619	10.156 ng	#	21
57) 2,4-Dinitrotoluene	10.004	165	29619	8.381 ng	#	15
65) 4,6-Dinitro-2-methylph...	10.792	198	526	7.596 ng	#	1
67) 4-Bromophenyl-phenylether	10.792	248	13522	2.826 ng	#	1

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

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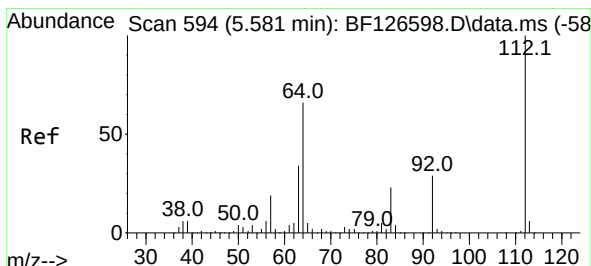
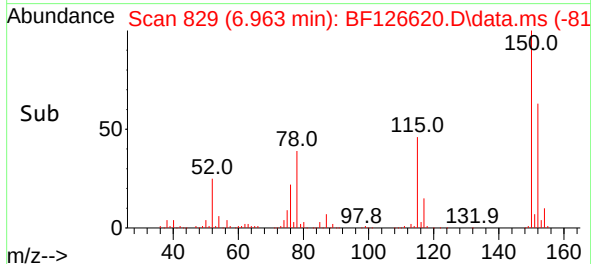
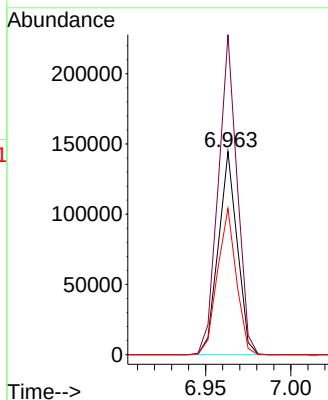
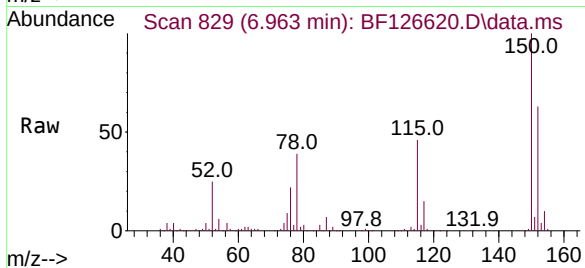




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

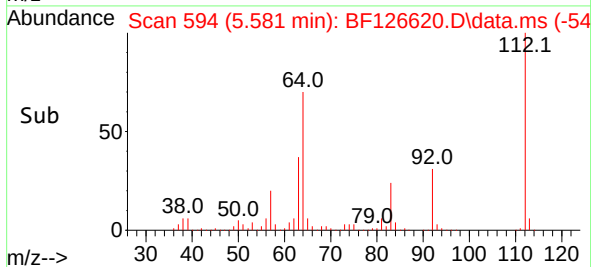
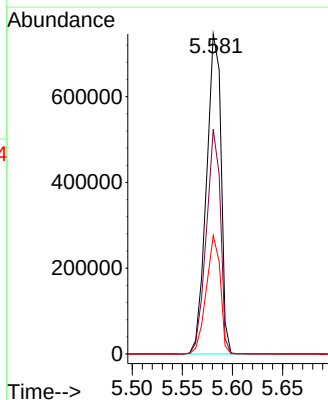
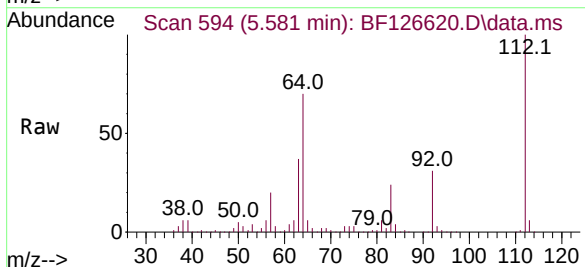
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

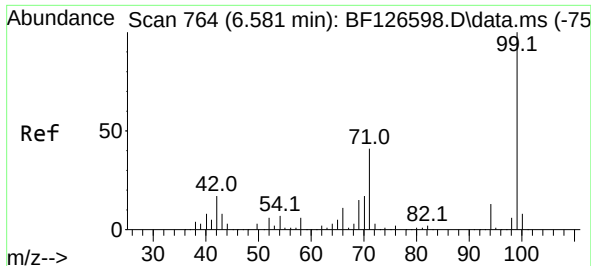
Tgt Ion:152 Resp: 111694
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 72.0 56.7 85.1



#5
2-Fluorophenol
Concen: 89.267 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.000 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

Tgt Ion:112 Resp: 757697
Ion Ratio Lower Upper
112 100
64 70.2 49.5 74.3
63 37.0 23.9 35.9#





#7

Phenol-d6

Concen: 89.591 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF126620.D

Acq: 20 Jan 2022 19:26

Instrument :

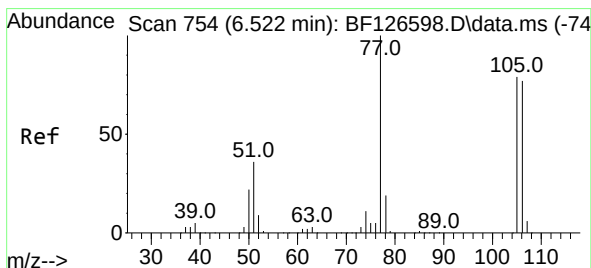
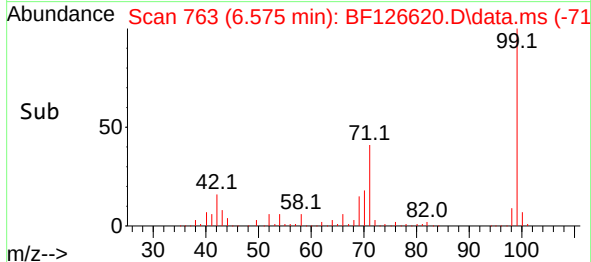
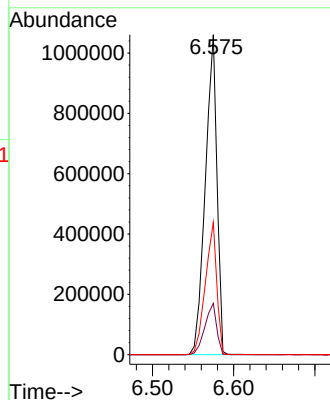
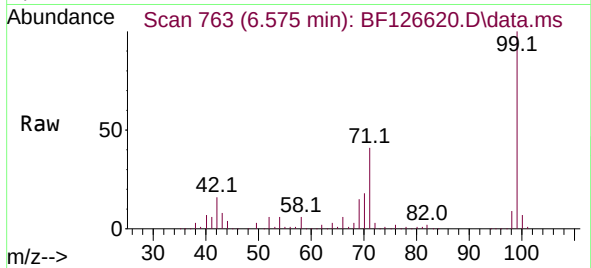
BNA_F

ClientSampleId :

MTR-SOIL-9

Tgt Ion: 99 Resp: 1056553

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.2	21.4
71	41.4	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

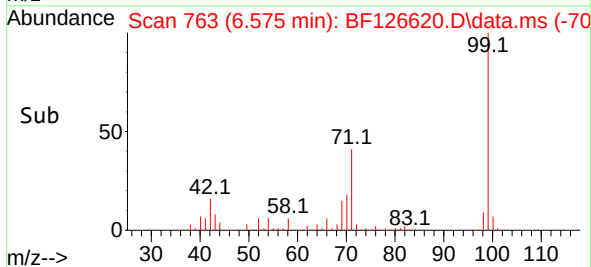
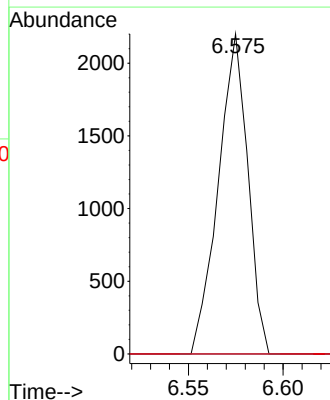
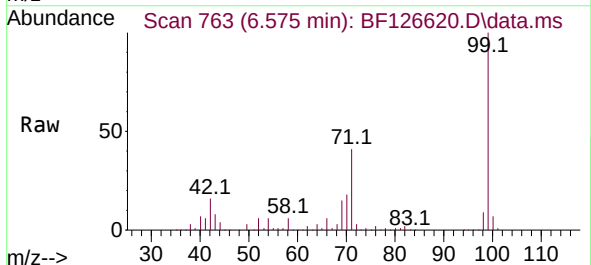
Delta R.T. 0.053 min

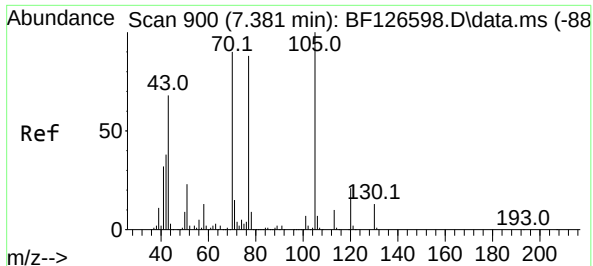
Lab File: BF126620.D

Acq: 20 Jan 2022 19:26

Tgt Ion: 77 Resp: 2380

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: 12.428 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF126620.D

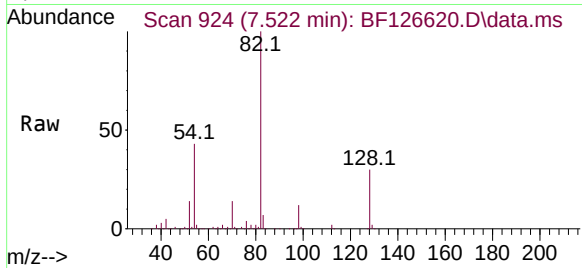
Acq: 20 Jan 2022 19:26

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-9



Tgt Ion: 70 Resp: 106968

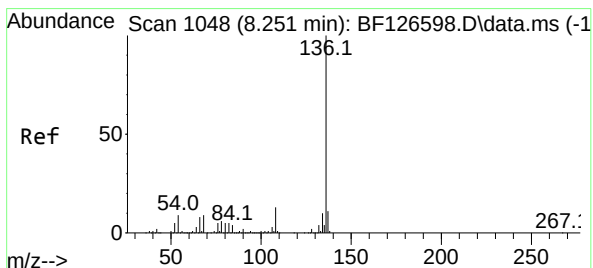
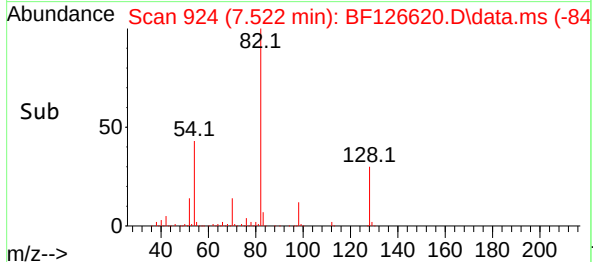
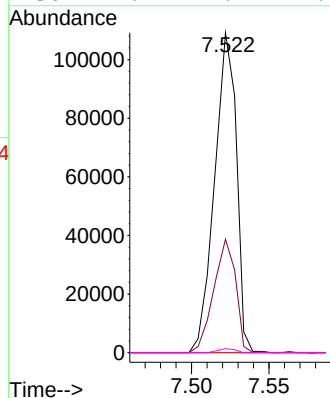
Ion Ratio Lower Upper

70 100

42 35.4 45.8 68.8#

101 0.0 6.9 10.3#

130 1.2 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: BF126620.D

Acq: 20 Jan 2022 19:26

Tgt Ion: 136 Resp: 431961

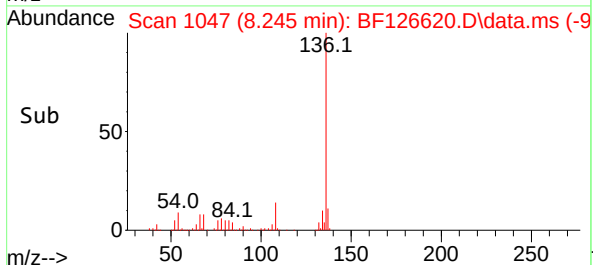
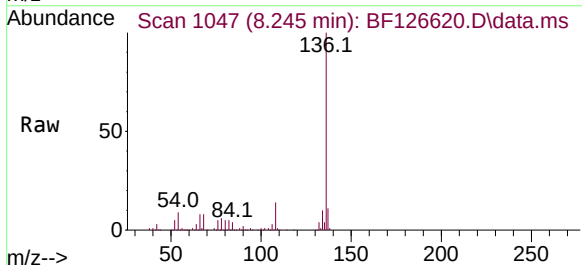
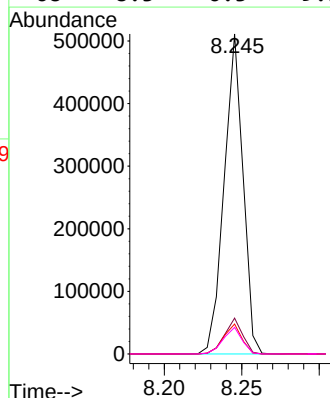
Ion Ratio Lower Upper

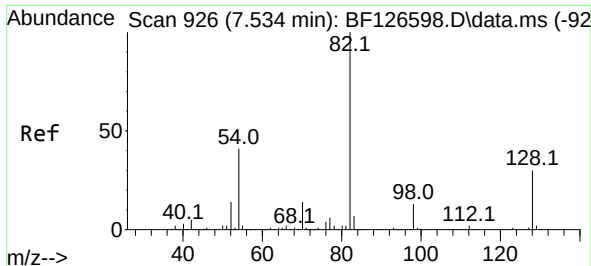
136 100

137 11.2 8.6 13.0

54 9.3 7.8 11.6

68 8.3 6.3 9.5

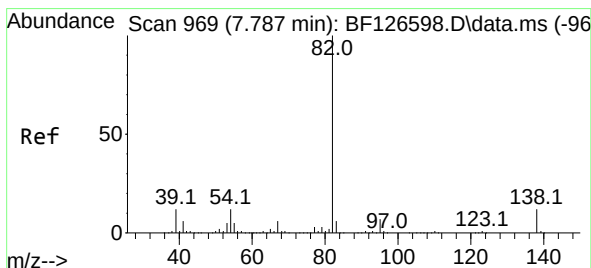
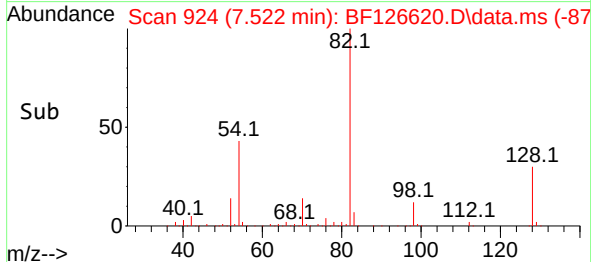
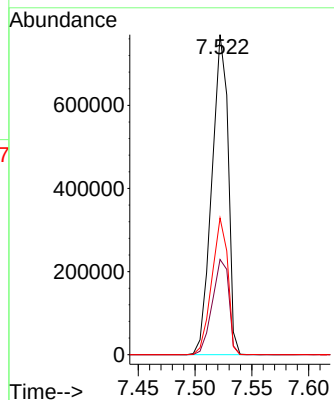
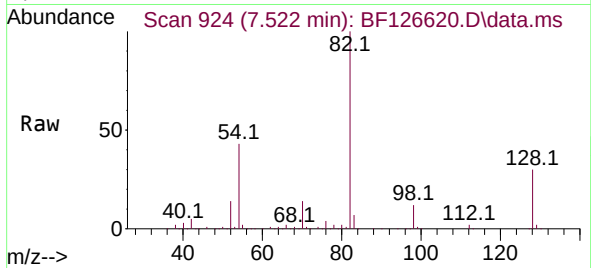




#23
Nitrobenzene-d5
Concen: 69.497 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

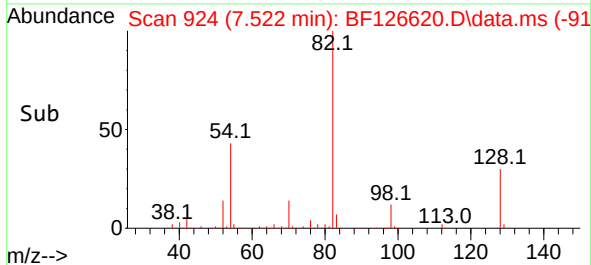
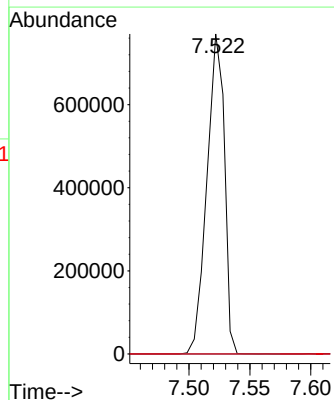
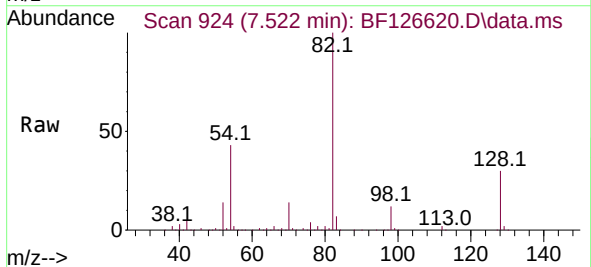
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

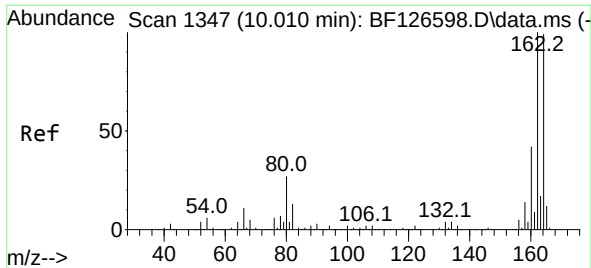
Tgt Ion: 82 Resp: 766970
Ion Ratio Lower Upper
82 100
128 29.8 32.7 49.1#
54 42.7 41.7 62.5



#25
Isophorone
Concen: 35.835 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

Tgt Ion: 82 Resp: 766959
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

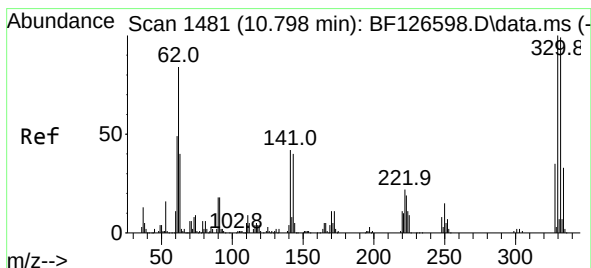
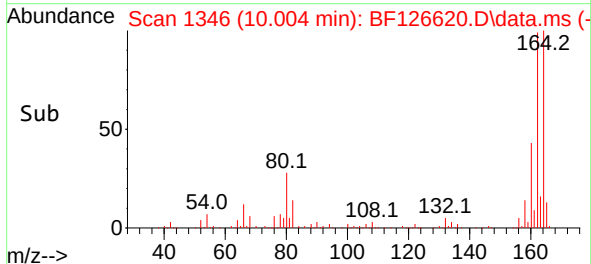
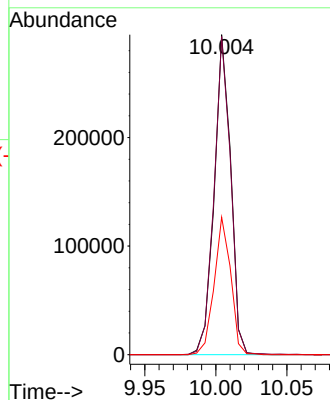
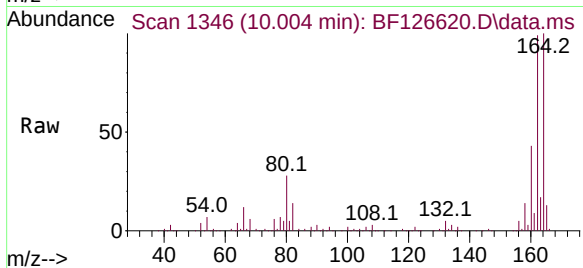




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

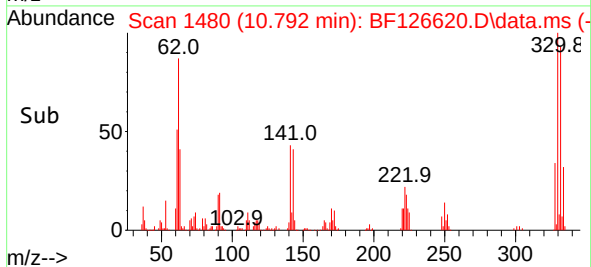
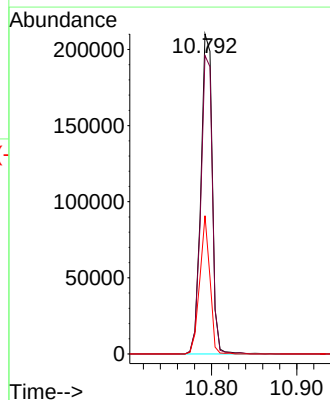
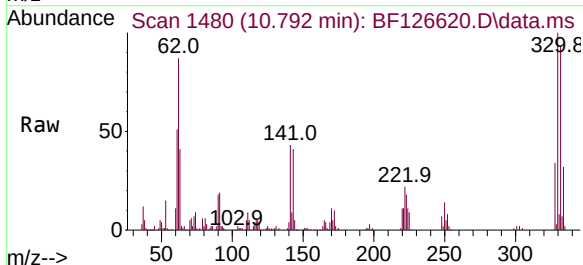
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

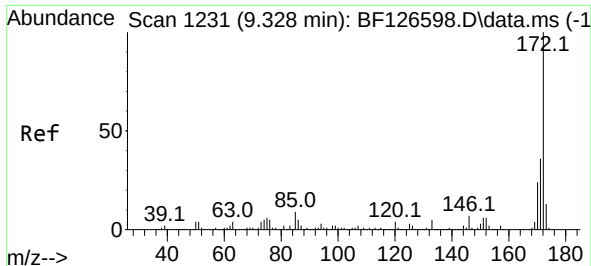
Tgt Ion:164 Resp: 237957
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 43.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 87.544 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

Tgt Ion:330 Resp: 194953
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 38.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 61.490 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126620.D

Acq: 20 Jan 2022 19:26

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-9

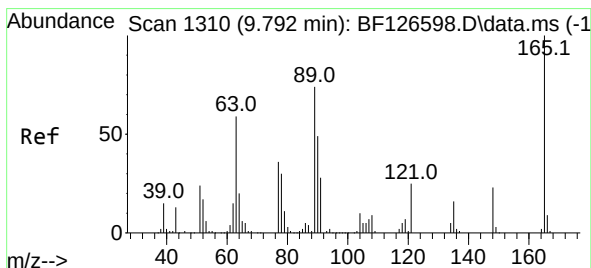
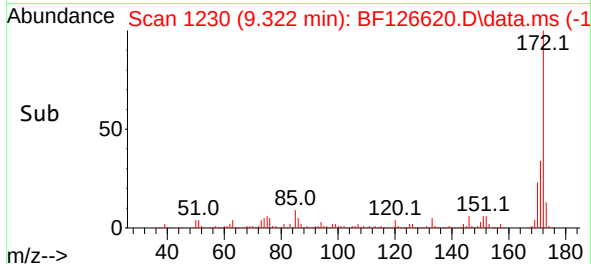
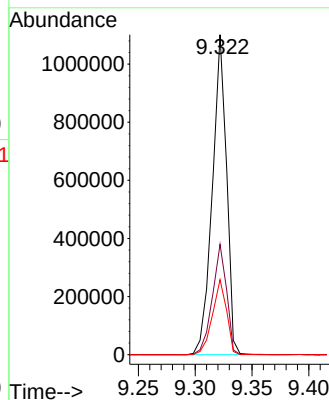
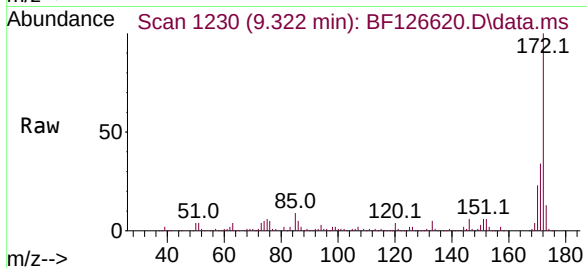
Tgt Ion:172 Resp: 955402

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.156 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126620.D

Acq: 20 Jan 2022 19:26

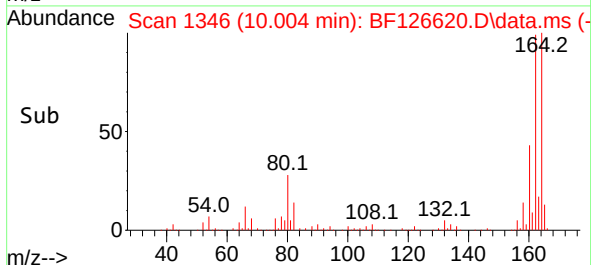
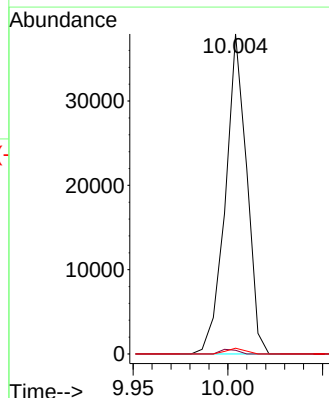
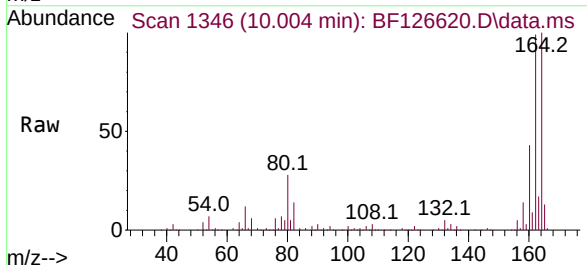
Tgt Ion:165 Resp: 29619

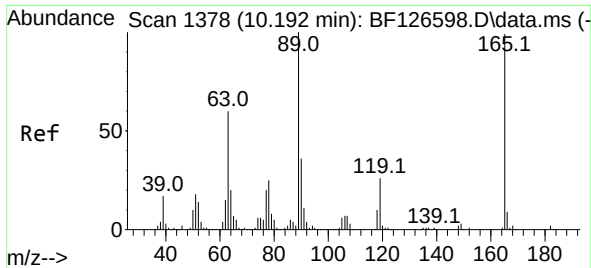
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.8 50.5 75.7#

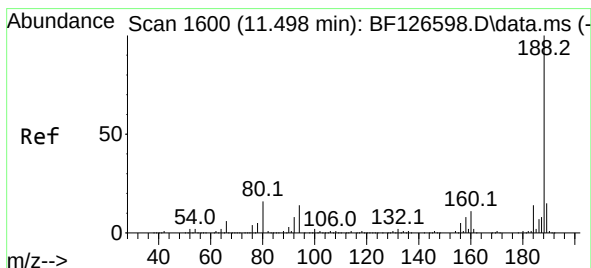
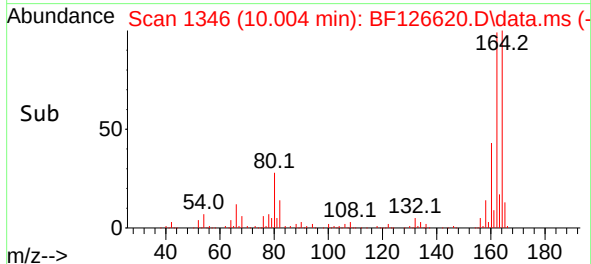
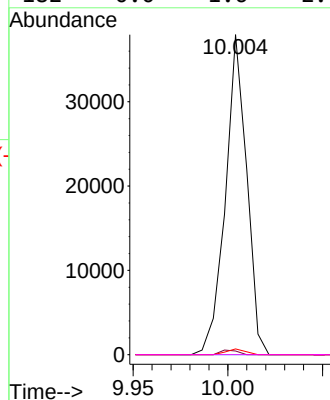
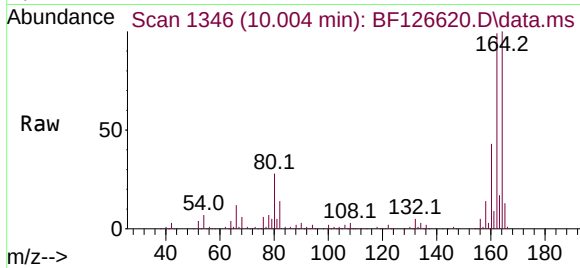




#57
2,4-Dinitrotoluene
Concen: 8.381 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

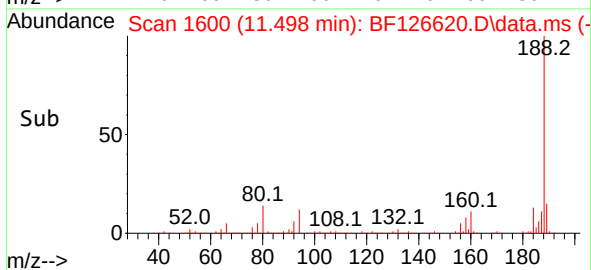
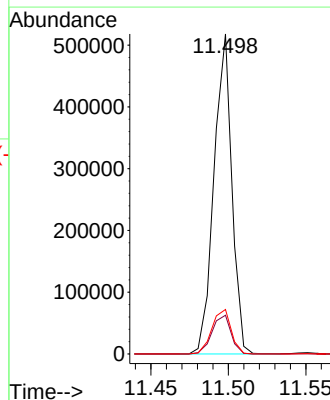
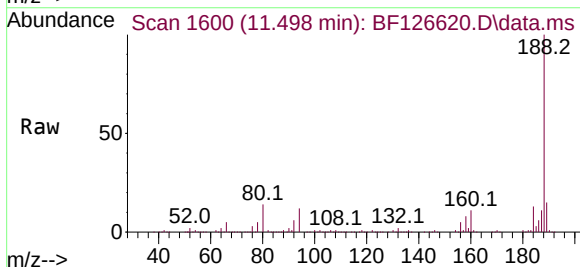
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

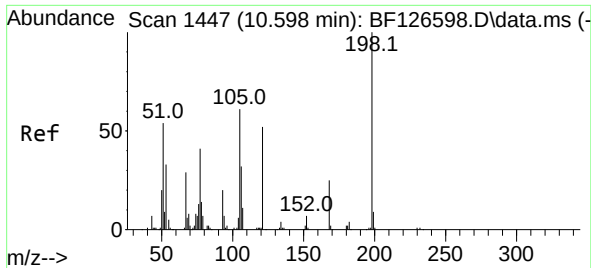
Tgt Ion:165	Resp:	29619
Ion Ratio	Lower	Upper
165	100	
63	1.2	43.0 64.6#
89	1.8	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

Tgt Ion:188	Resp:	415112
Ion Ratio	Lower	Upper
188	100	
94	12.1	10.1 15.1
80	13.9	11.8 17.6

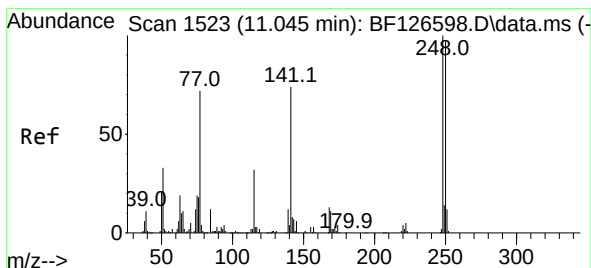
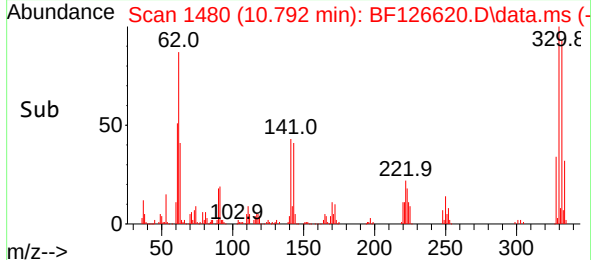
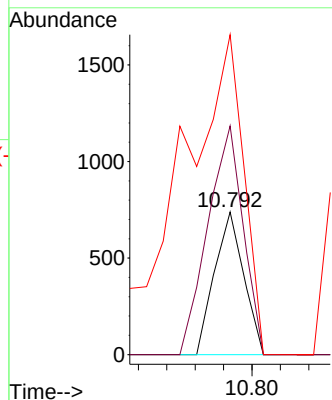
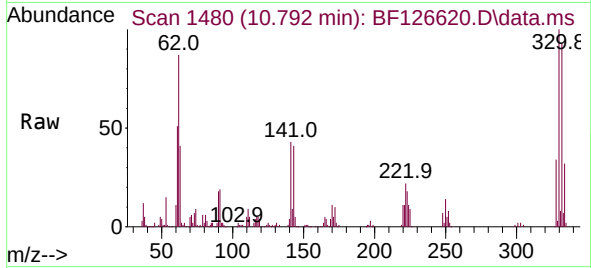




#65
4,6-Dinitro-2-methylphenol
Concen: 7.596 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

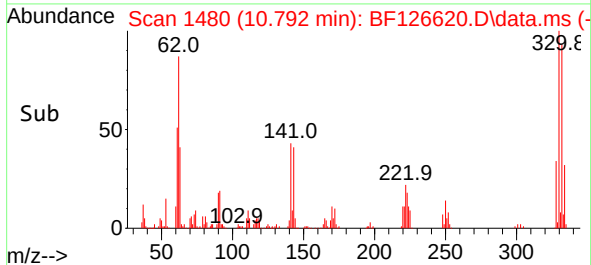
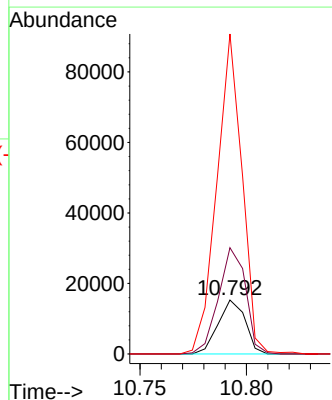
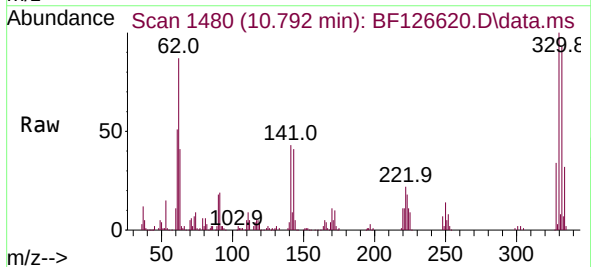
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

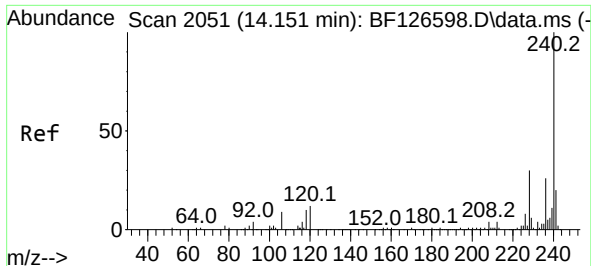
Tgt Ion:198 Resp: 526
Ion Ratio Lower Upper
198 100
51 160.4 32.0 72.0#
105 224.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.826 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

Tgt Ion:248 Resp: 13522
Ion Ratio Lower Upper
248 100
250 196.9 76.2 114.4#
141 592.8 66.2 99.4#

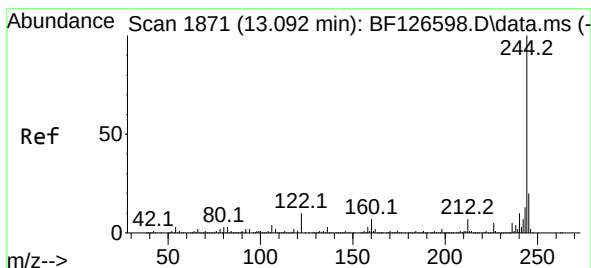
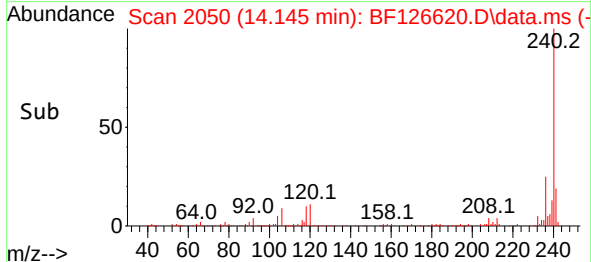
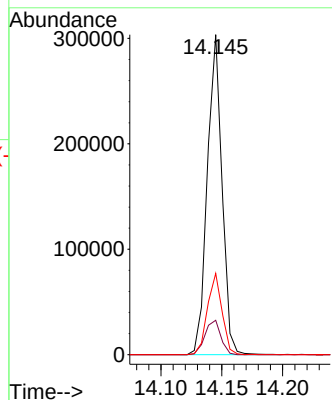
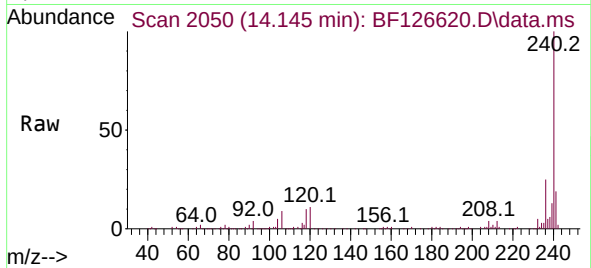




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

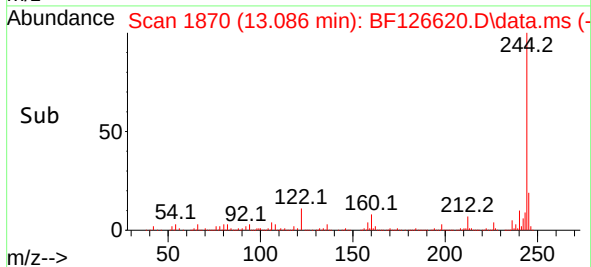
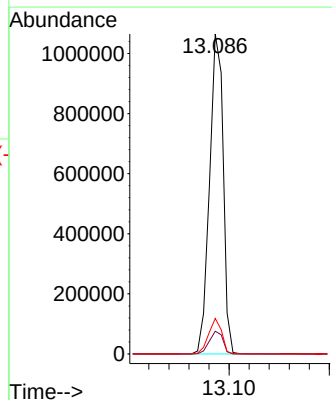
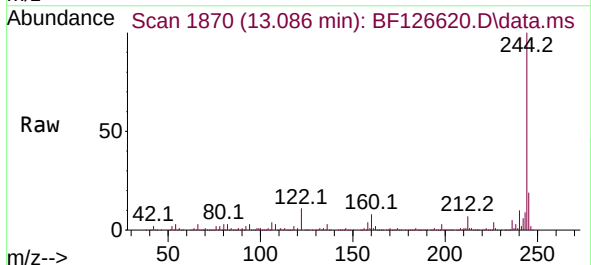
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

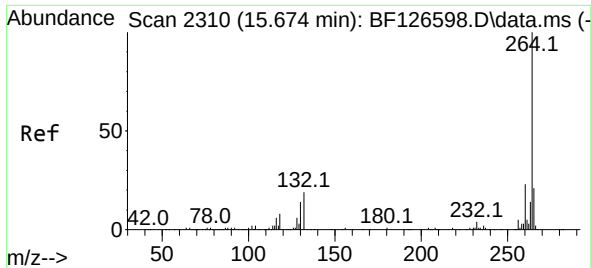
Tgt Ion:240 Resp: 255267
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 66.028 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

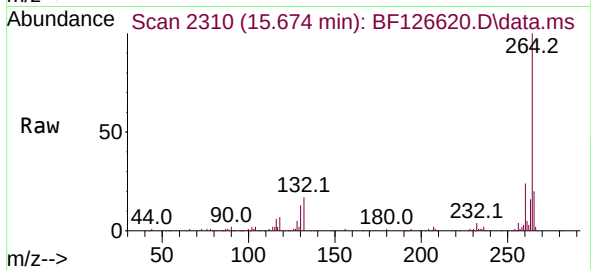
Tgt Ion:244 Resp: 1004895
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 11.1 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126620.D
 Acq: 20 Jan 2022 19:26

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-9



Tgt Ion:264 Resp: 214272
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.0 17.4 26.2

