

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127085.D
 Acq On : 25 Feb 2022 21:57
 Operator : CG\JU
 Sample : N1655-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNK-SOUTH

Quant Time: Feb 26 01:41:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

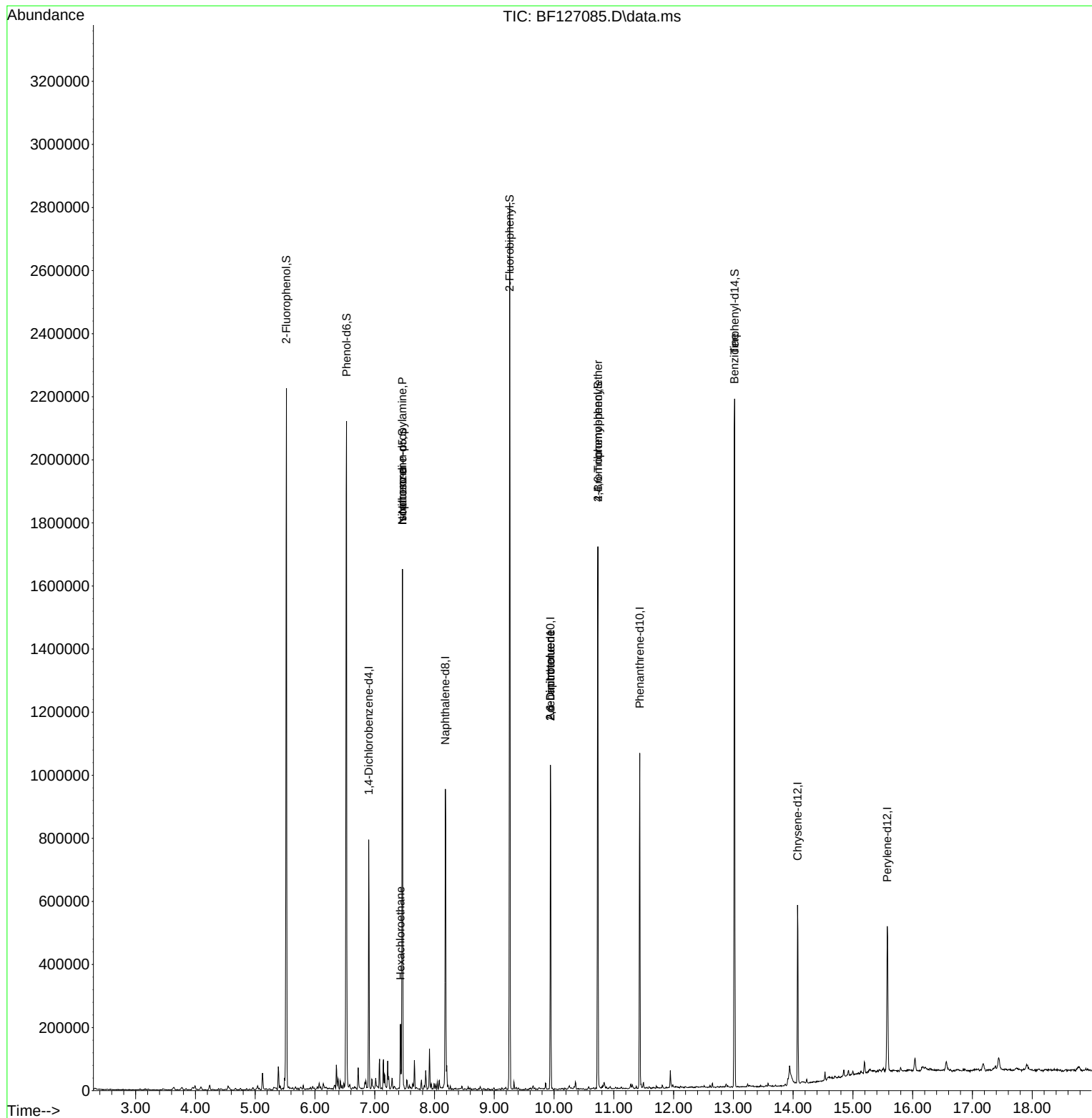
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	96675	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	392219	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	197925	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	338377	20.000	ng	#-0.01
76) Chrysene-d12	14.074	240	181908	20.000	ng	#-0.01
86) Perylene-d12	15.574	264	195100	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	521794	83.421	ng	0.00
7) Phenol-d6	6.528	99	683662	81.001	ng	-0.01
23) Nitrobenzene-d5	7.463	82	467059	53.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	185558	81.427	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	762579	56.720	ng	-0.01
79) Terphenyl-d14	13.022	244	729814	58.978	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.428	117	11139	3.959	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	64461	11.853	ng	# 79
25) Isophorone	7.463	82	467048	32.482	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	24725	8.590	ng	# 22
57) 2,4-Dinitrotoluene	9.939	165	24725	6.353	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	11725	3.101	ng	# 1
77) Benzidine	13.016	184	10586	2.141	ng	# 88

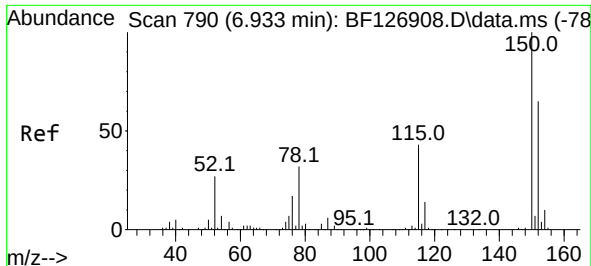
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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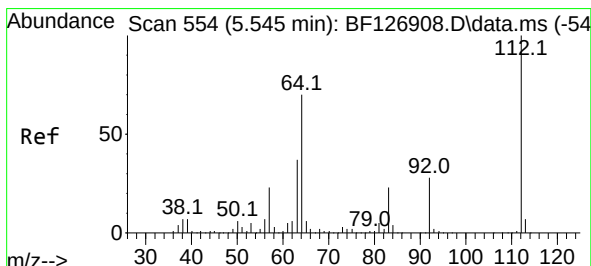
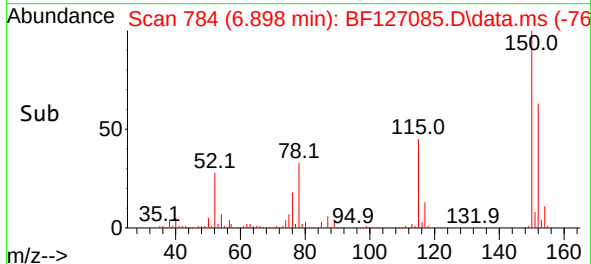
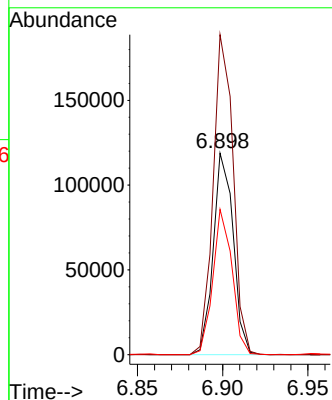
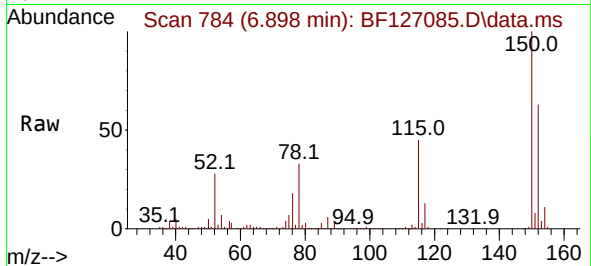




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF127085.D
 Acq: 25 Feb 2022 21:57

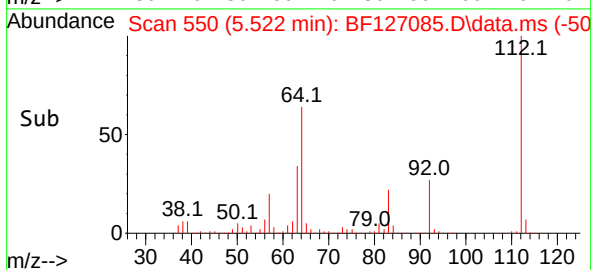
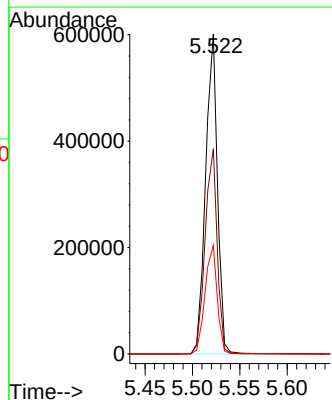
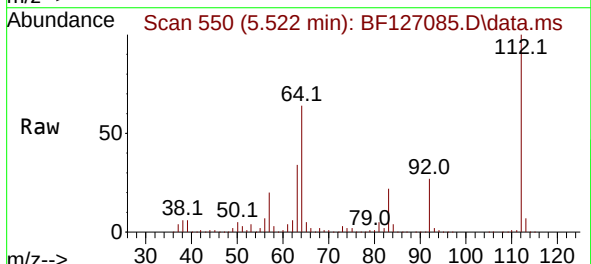
Instrument :
 BNA_F
 ClientSampleId :
 UNK-SOUTH

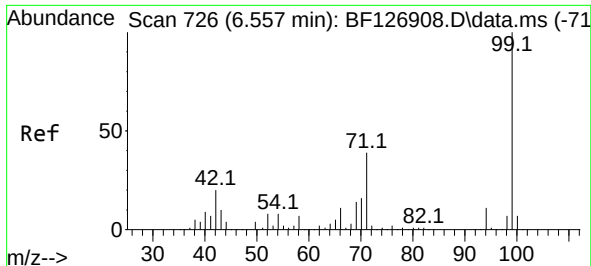
Tgt Ion:152 Resp: 96675
 Ion Ratio Lower Upper
 152 100
 150 158.9 128.1 192.1
 115 72.1 56.7 85.1



#5
 2-Fluorophenol
 Concen: 83.421 ng
 RT: 5.522 min Scan# 550
 Delta R.T. -0.006 min
 Lab File: BF127085.D
 Acq: 25 Feb 2022 21:57

Tgt Ion:112 Resp: 521794
 Ion Ratio Lower Upper
 112 100
 64 64.2 49.5 74.3
 63 33.9 23.9 35.9





#7

Phenol-d6

Concen: 81.001 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127085.D

Acq: 25 Feb 2022 21:57

Instrument :

BNA_F

ClientSampleId :

UNK-SOUTH

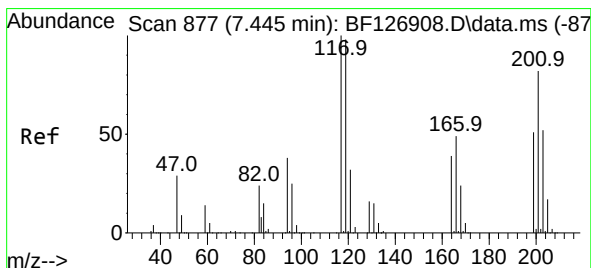
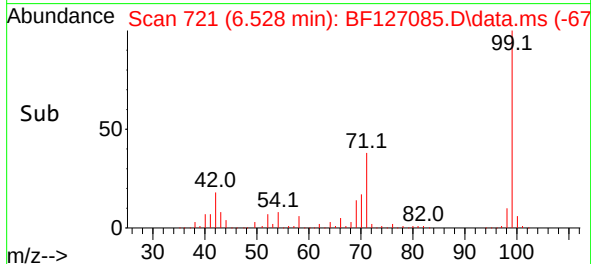
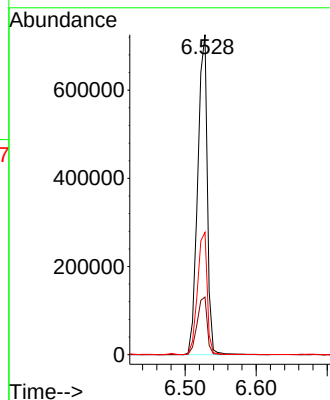
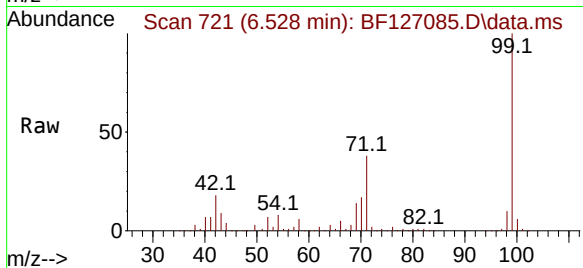
Tgt Ion: 99 Resp: 683662

Ion Ratio Lower Upper

99 100

42 18.0 14.2 21.4

71 38.3 24.3 36.5#



#18

Hexachloroethane

Concen: 3.959 ng

RT: 7.428 min Scan# 874

Delta R.T. 0.006 min

Lab File: BF127085.D

Acq: 25 Feb 2022 21:57

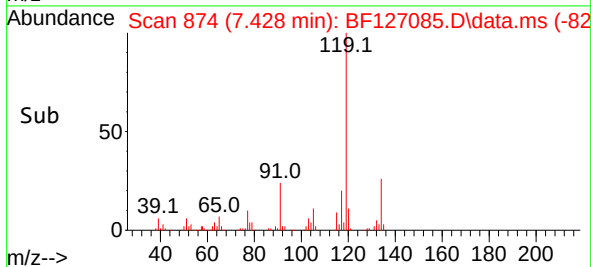
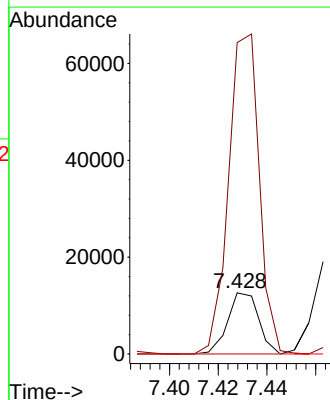
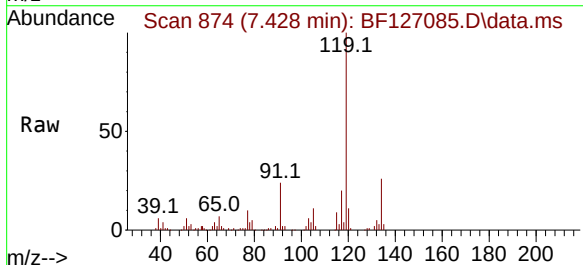
Tgt Ion: 117 Resp: 11139

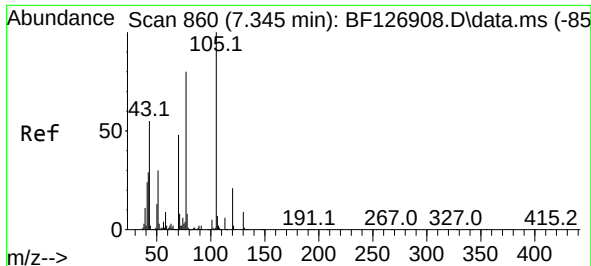
Ion Ratio Lower Upper

117 100

119 509.7 75.4 113.0#

201 0.0 56.8 85.2#

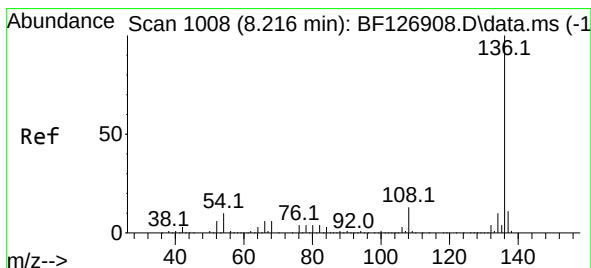
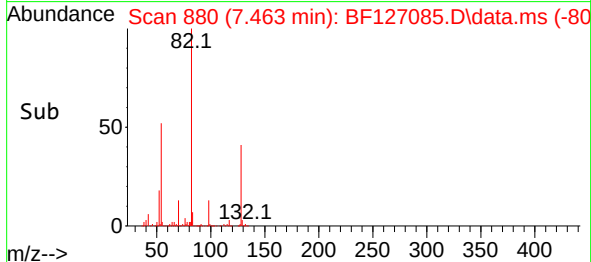
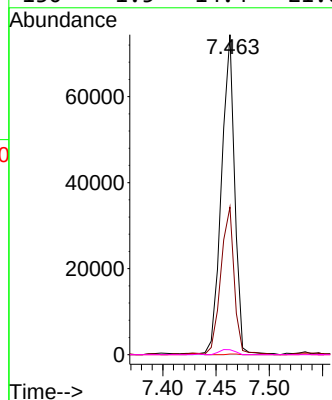
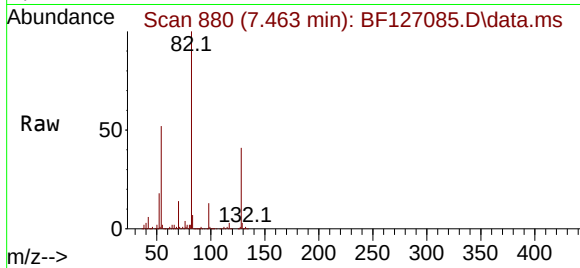




#19
n-Nitroso-di-n-propylamine
Concen: 11.853 ng
RT: 7.463 min Scan# 80
Delta R.T. 0.141 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

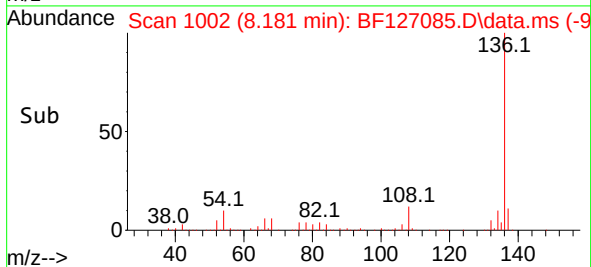
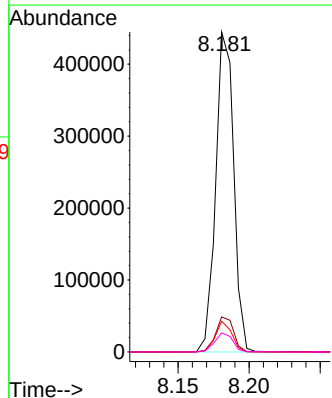
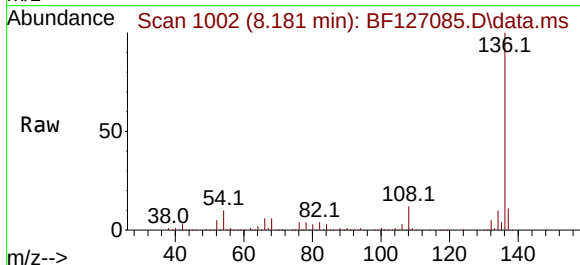
Instrument :
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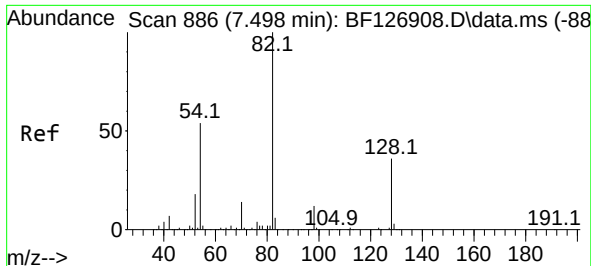
Tgt Ion:	70	Resp:	64461
Ion	Ratio	Lower	Upper
70	100		
42	46.1	45.8	68.8
101	0.2	6.9	10.3#
130	1.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion:	136	Resp:	392219
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.8	11.6
68	5.9	6.3	9.5#

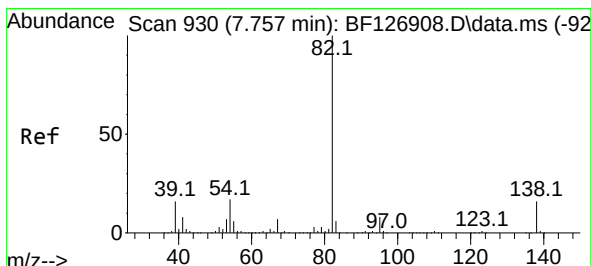
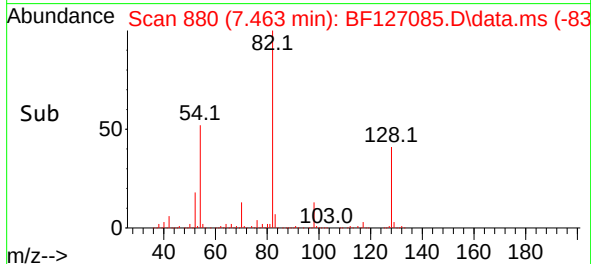
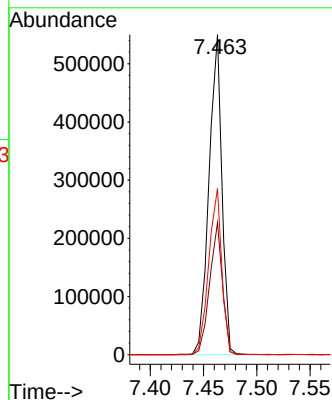
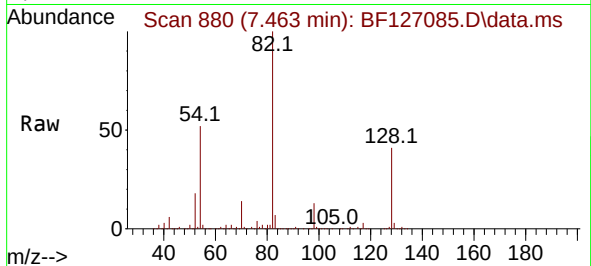




#23
Nitrobenzene-d5
Concen: 53.750 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

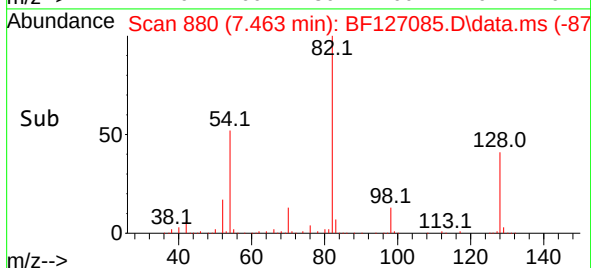
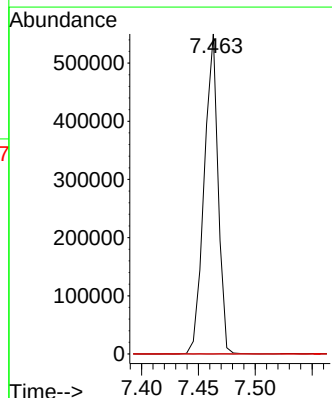
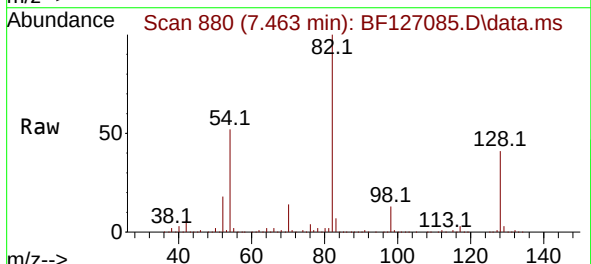
Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

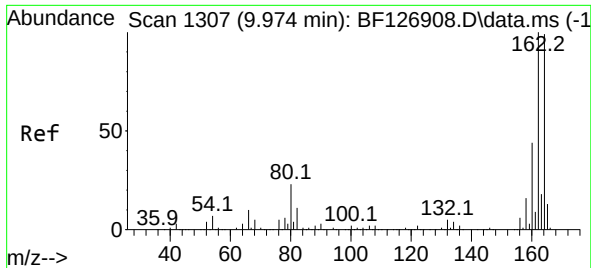
Tgt Ion: 82 Resp: 467059
Ion Ratio Lower Upper
82 100
128 41.2 32.7 49.1
54 51.9 41.7 62.5



#25
Isophorone
Concen: 32.482 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.270 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion: 82 Resp: 467048
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

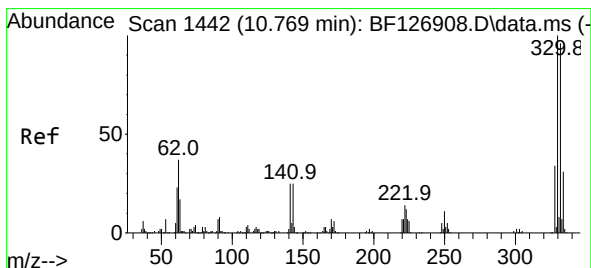
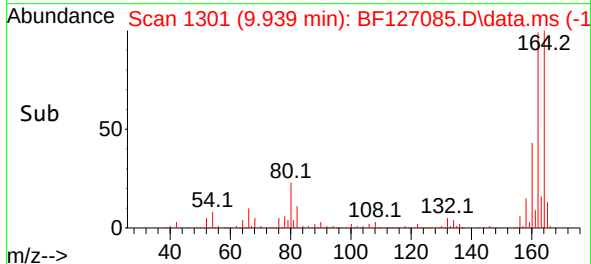
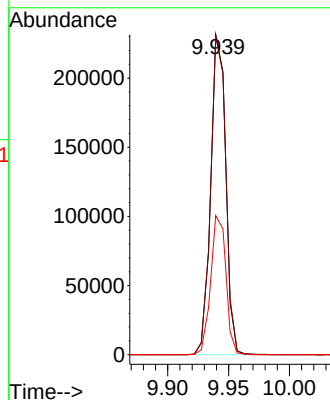
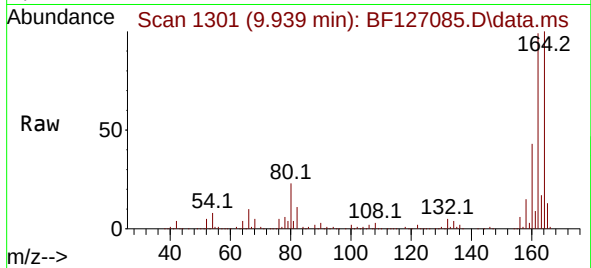




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

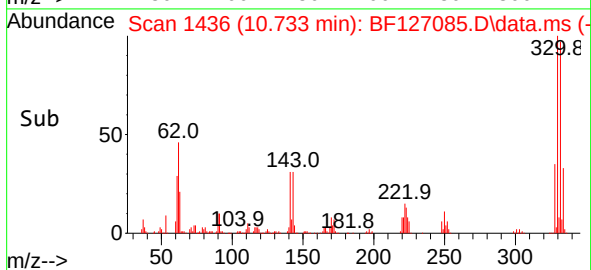
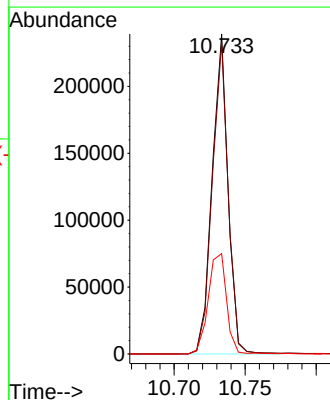
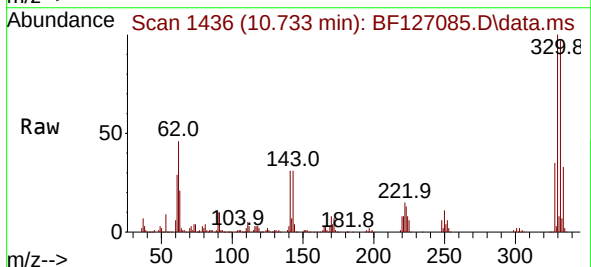
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ClientSampleId :
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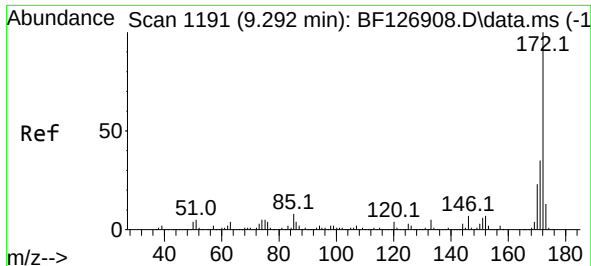
Tgt Ion:164 Resp: 197925
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 43.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 81.427 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion:330 Resp: 185558
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 36.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 56.720 ng

RT: 9.257 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF127085.D

Acq: 25 Feb 2022 21:57

Instrument :

BNA_F

ClientSampleId :

UNK-SOUTH

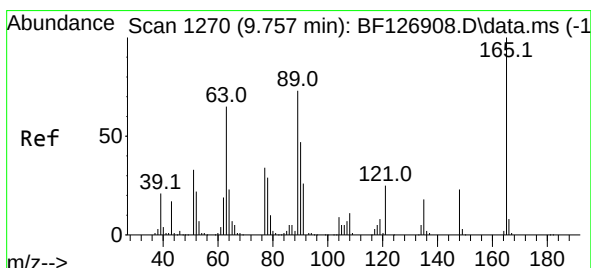
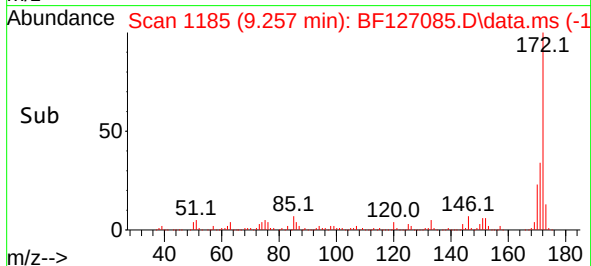
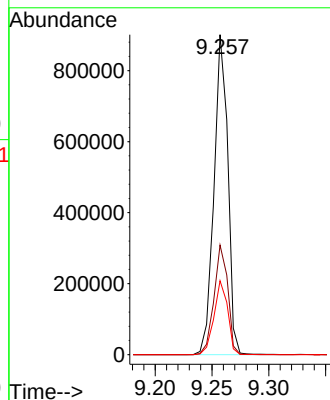
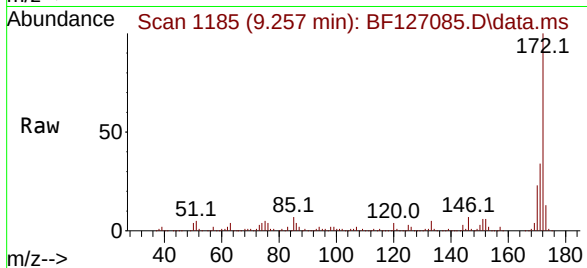
Tgt Ion:172 Resp: 762579

Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 23.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.590 ng

RT: 9.939 min Scan# 1301

Delta R.T. 0.206 min

Lab File: BF127085.D

Acq: 25 Feb 2022 21:57

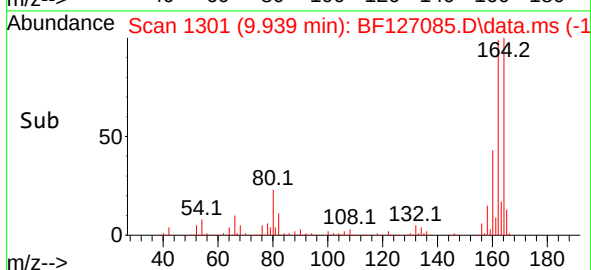
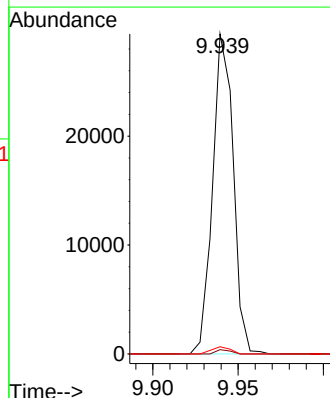
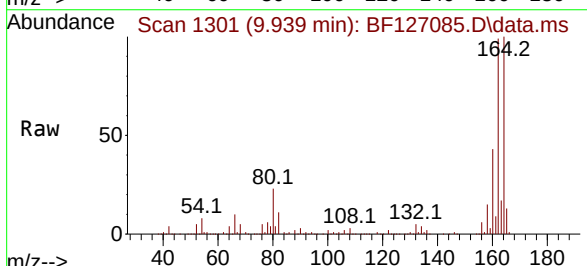
Tgt Ion:165 Resp: 24725

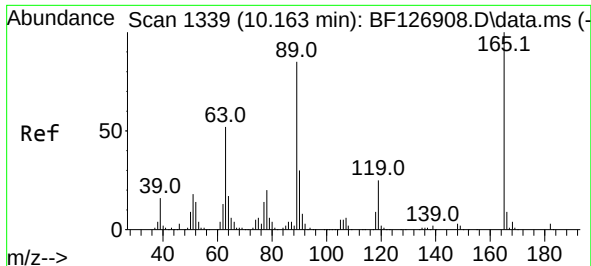
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 2.2 50.5 75.7#

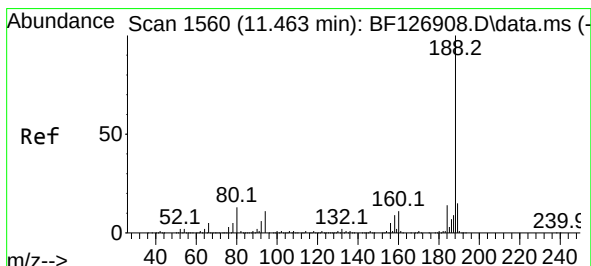
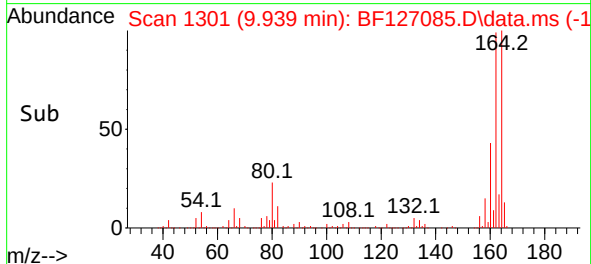
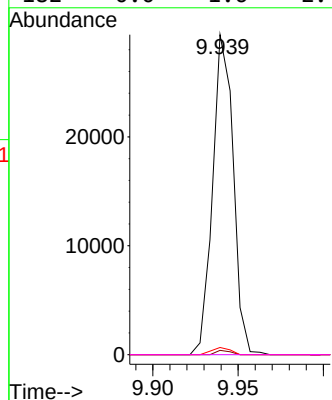
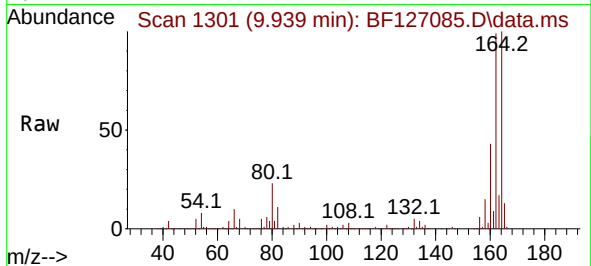




#57
2,4-Dinitrotoluene
Concen: 6.353 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

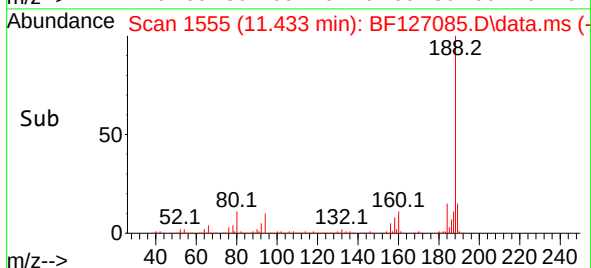
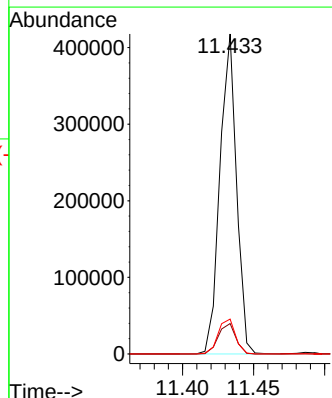
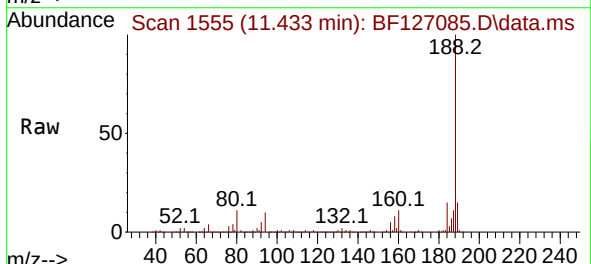
Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

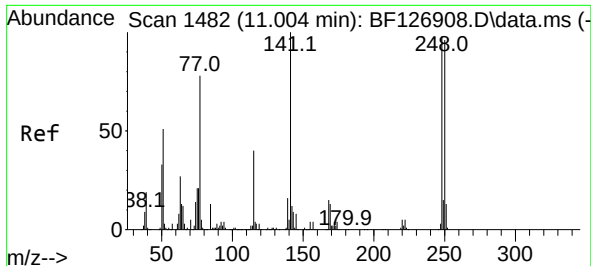
Tgt Ion:165 Resp: 24725
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 2.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion:188 Resp: 338377
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 10.9 11.8 17.6#

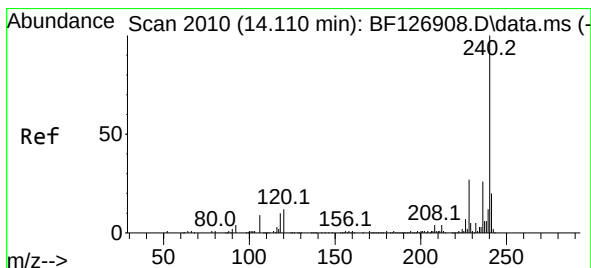
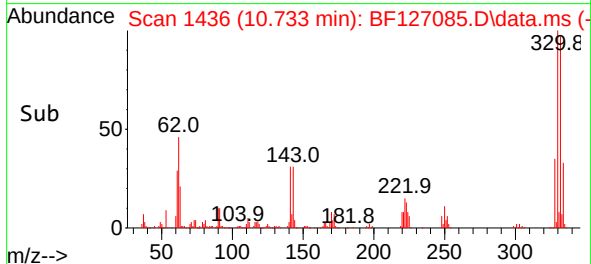
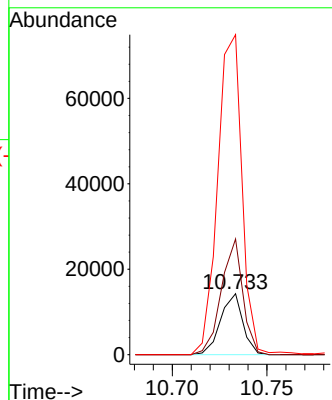
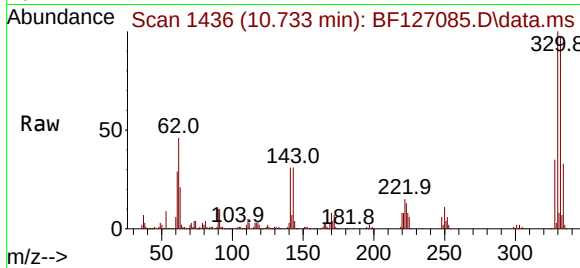




#67
4-Bromophenyl-phenylether
Concen: 3.101 ng
RT: 10.733 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

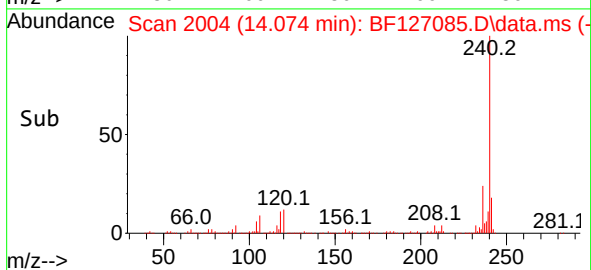
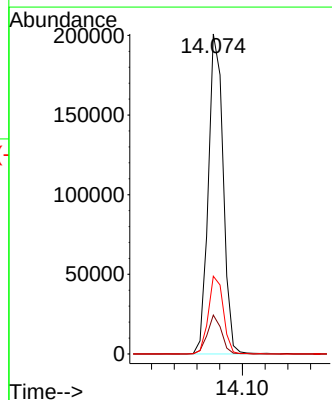
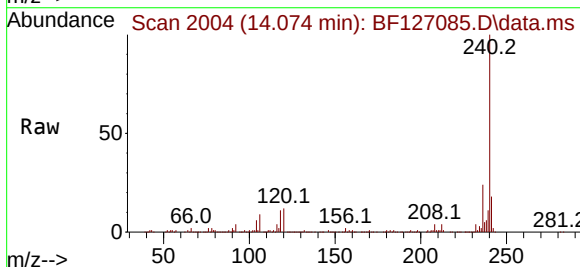
Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

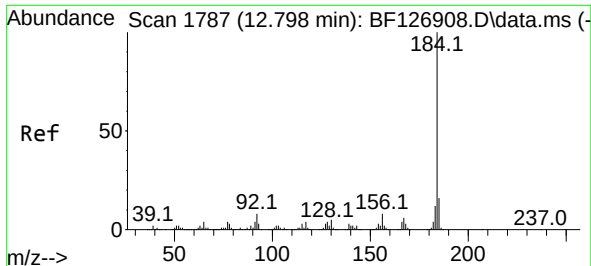
Tgt Ion:248 Resp: 11725
Ion Ratio Lower Upper
248 100
250 189.8 76.2 114.4#
141 525.0 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion:240 Resp: 181908
Ion Ratio Lower Upper
240 100
120 12.2 14.4 21.6#
236 24.3 20.5 30.7

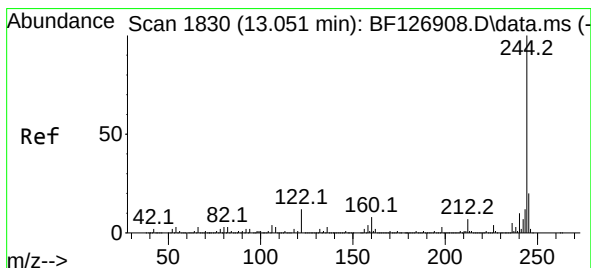
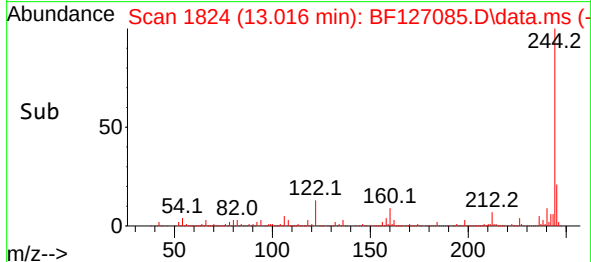
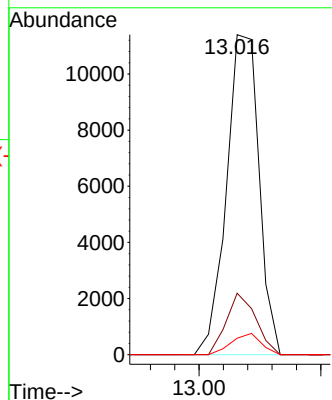
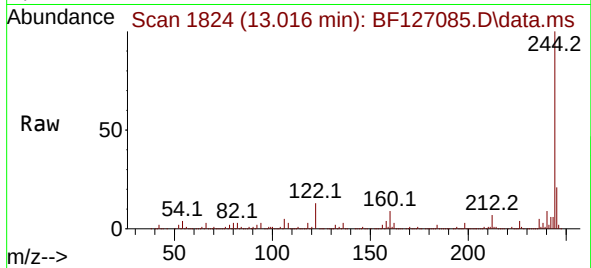




#77
Benzidine
Concen: 2.141 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.241 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

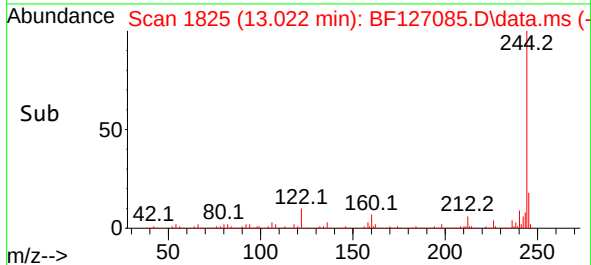
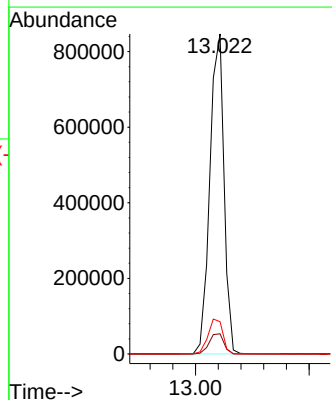
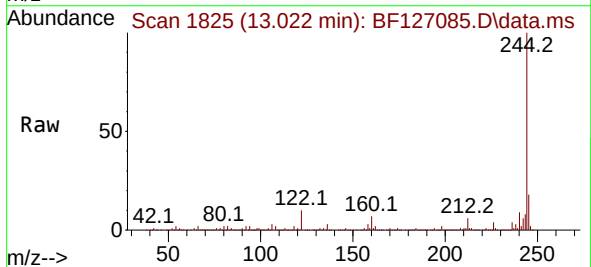
Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

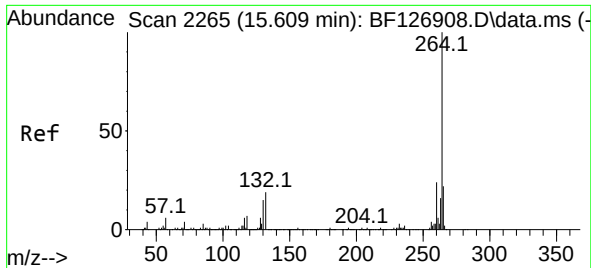
Tgt Ion:184 Resp: 10586
Ion Ratio Lower Upper
184 100
185 19.2 11.8 17.8#
183 5.1 8.2 12.2#



#79
Terphenyl-d14
Concen: 58.978 ng
RT: 13.022 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion:244 Resp: 729814
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.1 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

Tgt Ion:264 Resp: 195100
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.9 17.4 26.2

