

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127084.D
 Acq On : 25 Feb 2022 21:29
 Operator : CG\JU
 Sample : N1655-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNK-NORTH

Quant Time: Feb 26 01:40:59 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)

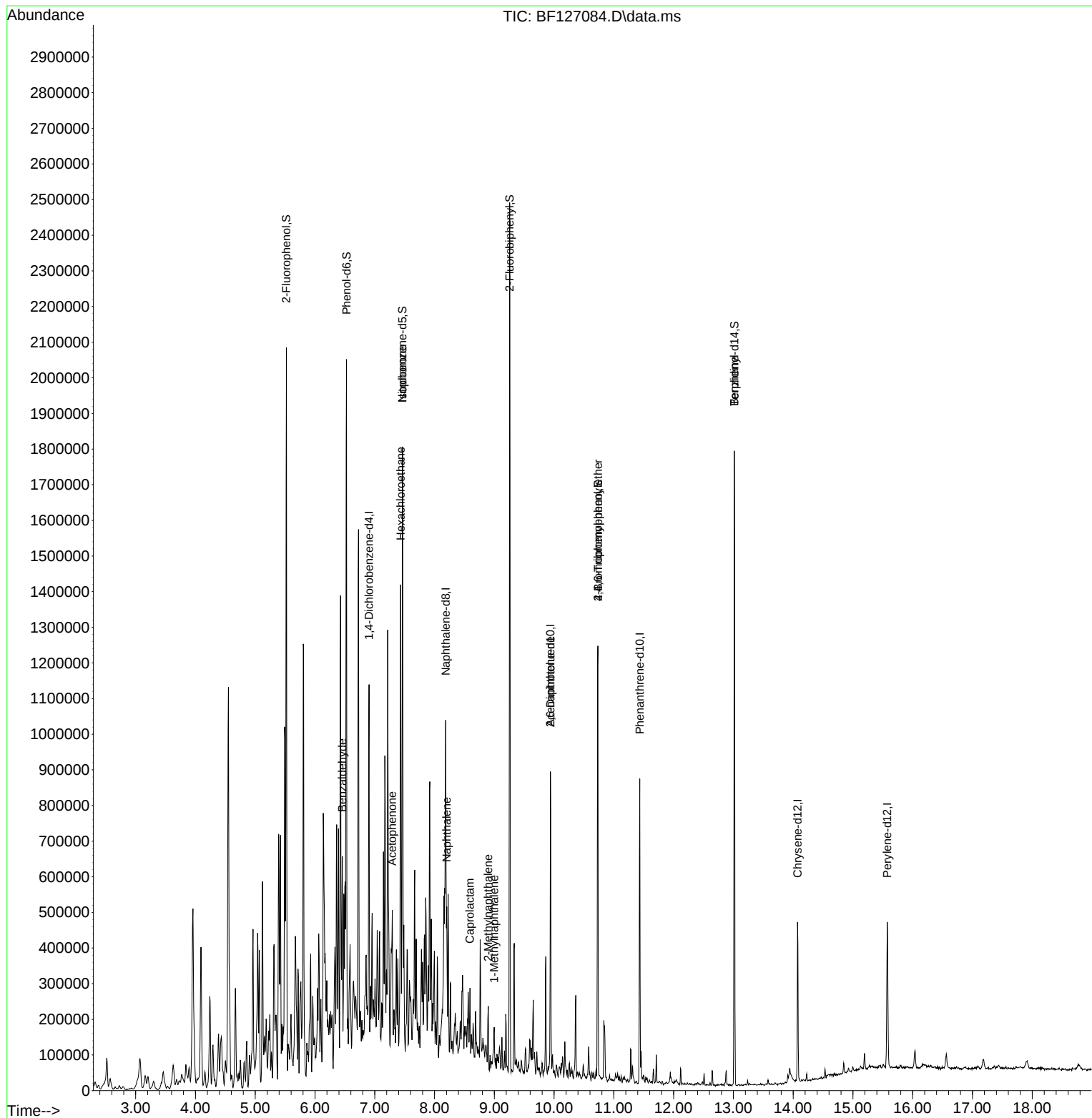
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	82843	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	328602	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	162211	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	268042	20.000	ng	#-0.01
76) Chrysene-d12	14.074	240	141826	20.000	ng	#-0.01
86) Perylene-d12	15.574	264	171276	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	454091	84.718	ng	0.00
7) Phenol-d6	6.528	99	594409	82.185	ng	-0.01
23) Nitrobenzene-d5	7.463	82	413871	56.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	138638	74.232	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	653263	59.287	ng	-0.01
79) Terphenyl-d14	13.016	244	554314	57.455	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	16021	3.639	ng	# 1
18) Hexachloroethane	7.434	117	54450	22.586	ng	# 1
22) Acetophenone	7.292	105	97760	11.299	ng	# 55
25) Isophorone	7.463	82	412640	34.254	ng	# 69
31) Naphthalene	8.204	128	75704	4.413	ng	# 92
35) Caprolactam	8.592	113	3363	2.129	ng	# 1
37) 2-Methylnaphthalene	8.898	142	42731	3.839	ng	100
38) 1-Methylnaphthalene	8.998	142	27057	2.538	ng	95
51) 2,6-Dinitrotoluene	9.939	165	21575	9.146	ng	# 22
67) 4-Bromophenyl-phenylether	10.733	248	8998	3.005	ng	# 1
77) Benzdine	13.016	184	8196	2.127	ng	# 92

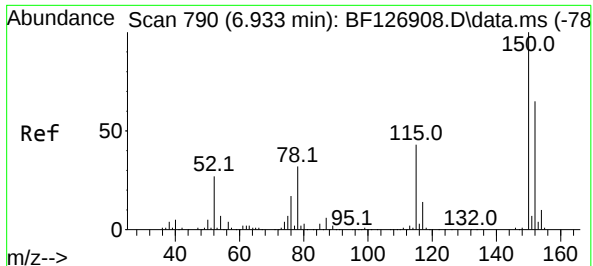
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
Data File : BF127084.D
Acq On : 25 Feb 2022 21:29
Operator : CG\JU
Sample : N1655-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

Quant Time: Feb 26 01:40:59 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

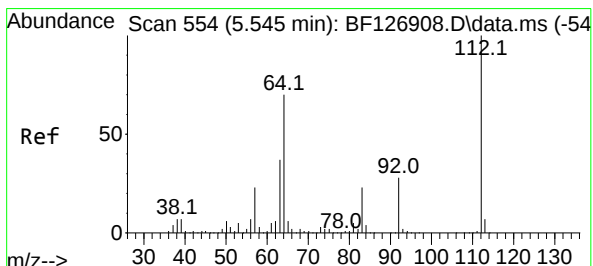
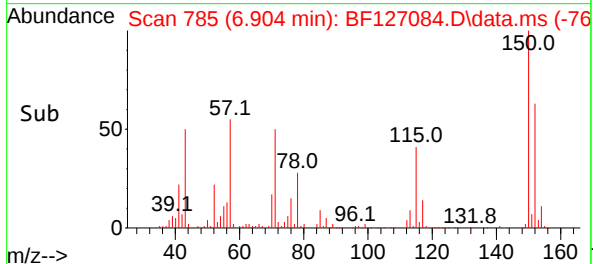
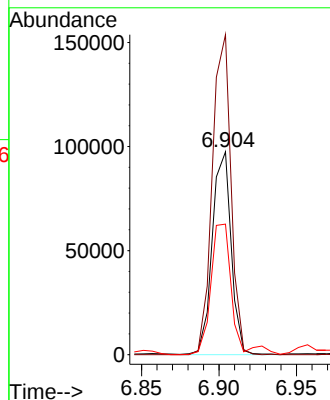
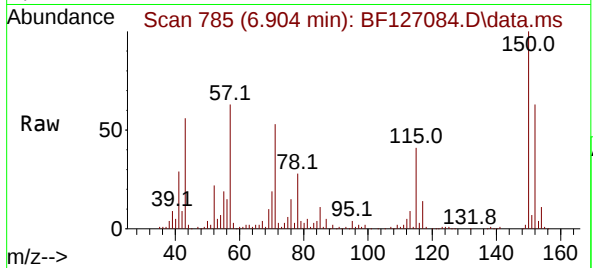




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127084.D
 Acq: 25 Feb 2022 21:29

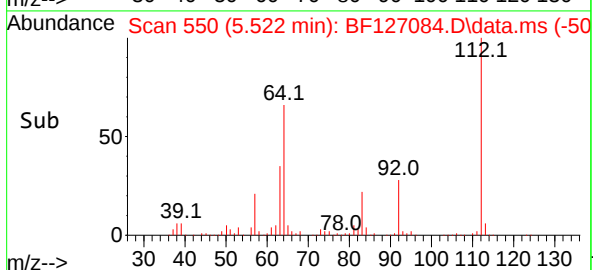
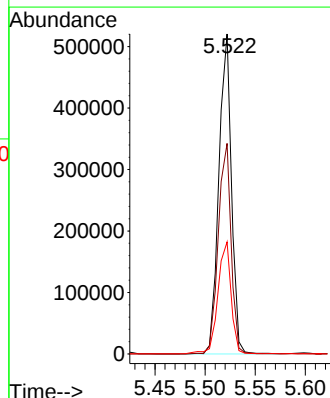
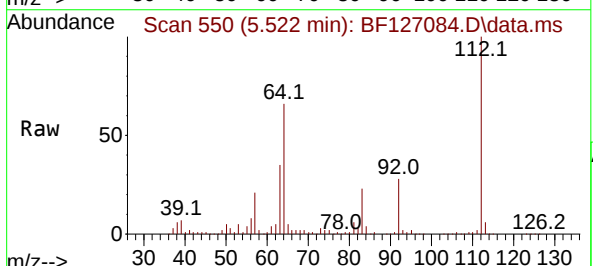
Instrument :
 BNA_F
 ClientSampleId :
 UNK-NORTH

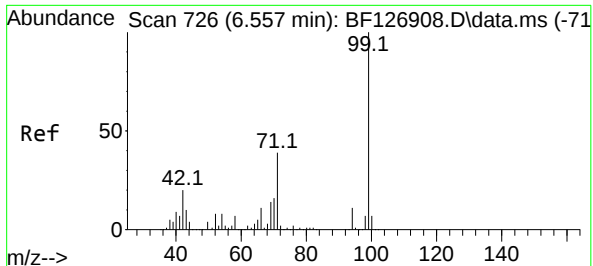
Tgt Ion:152 Resp: 82843
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.1 192.1
 115 64.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 84.718 ng
 RT: 5.522 min Scan# 550
 Delta R.T. -0.006 min
 Lab File: BF127084.D
 Acq: 25 Feb 2022 21:29

Tgt Ion:112 Resp: 454091
 Ion Ratio Lower Upper
 112 100
 64 65.8 49.5 74.3
 63 35.0 23.9 35.9

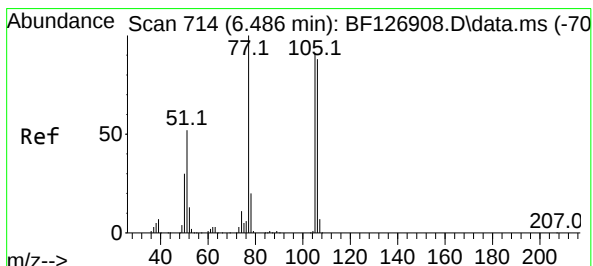
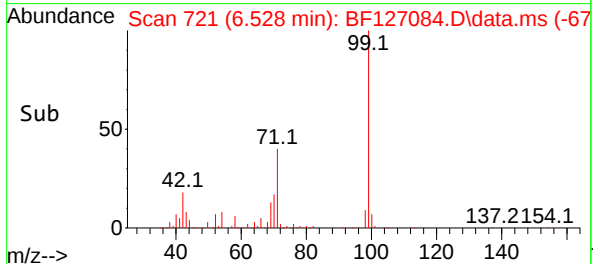
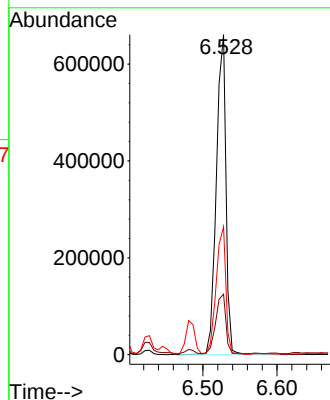
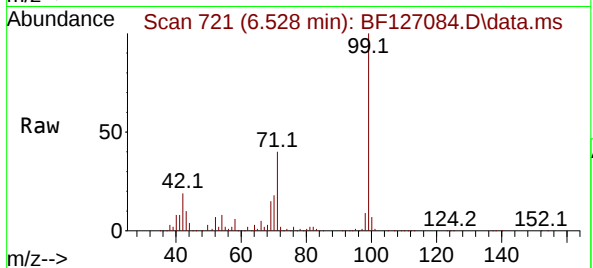




#7
Phenol-d6
Concen: 82.185 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

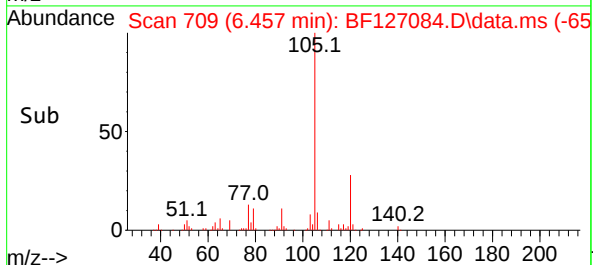
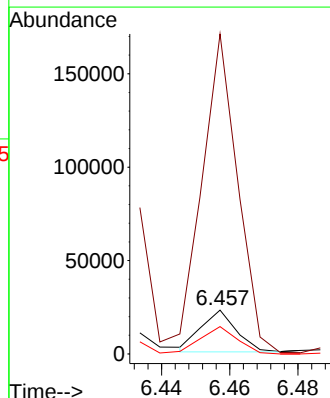
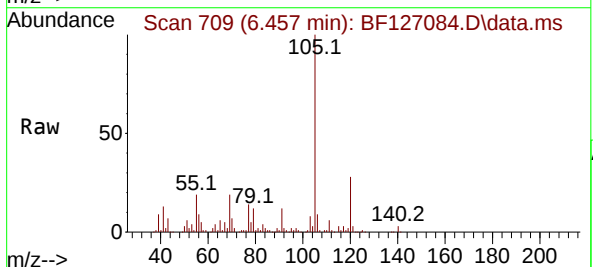
Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

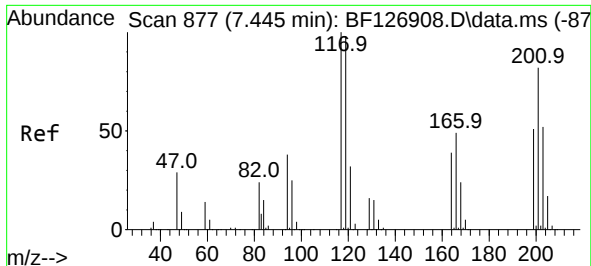
Tgt Ion: 99 Resp: 594409
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 40.0 24.3 36.5#



#9
Benzaldehyde
Concen: 3.639 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

Tgt Ion: 77 Resp: 16021
Ion Ratio Lower Upper
77 100
105 729.2 74.9 114.9#
106 62.4 72.4 112.4#

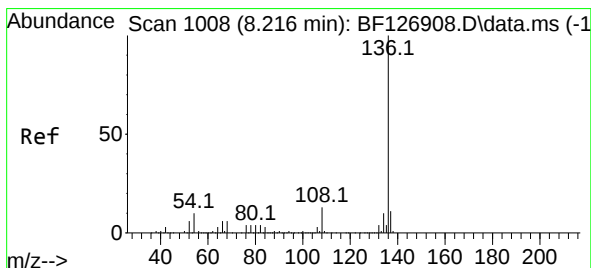
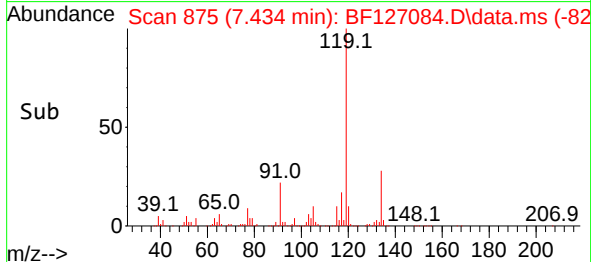
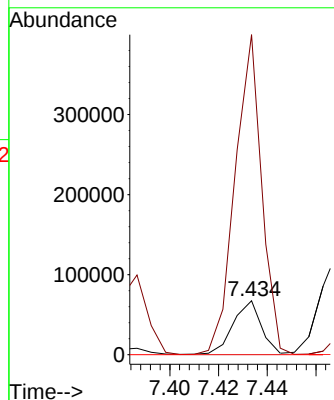
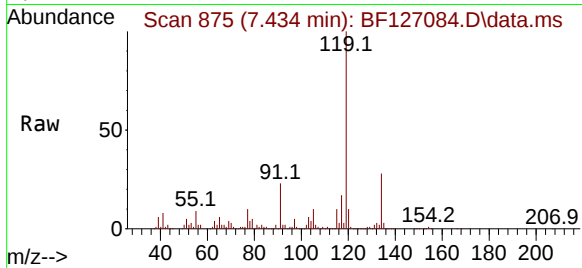




#18
Hexachloroethane
Concen: 22.586 ng
RT: 7.434 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

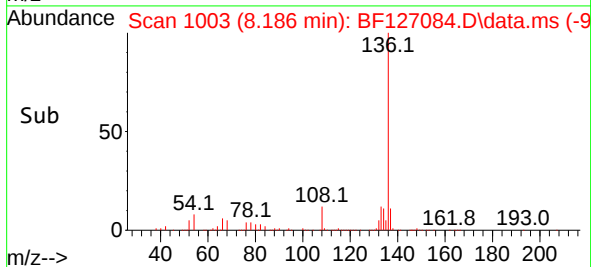
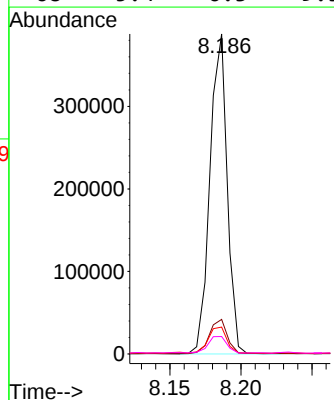
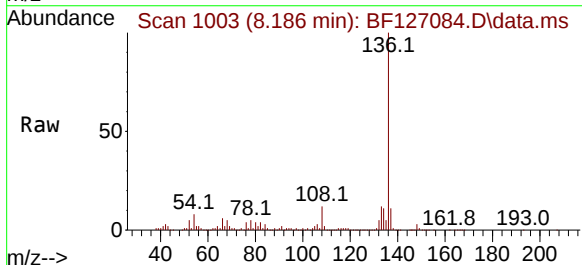
Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

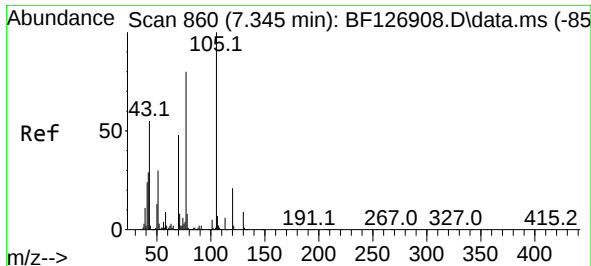
Tgt Ion:117 Resp: 54450
Ion Ratio Lower Upper
117 100
119 593.1 75.4 113.0#
201 0.0 56.8 85.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

Tgt Ion:136 Resp: 328602
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.8 11.6
68 5.4 6.3 9.5#

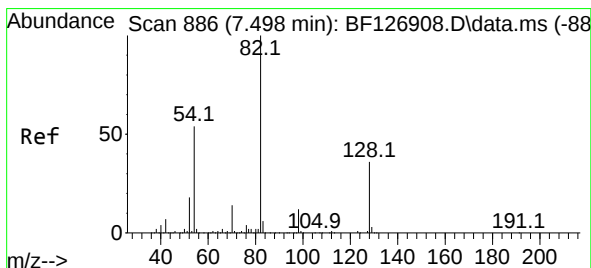
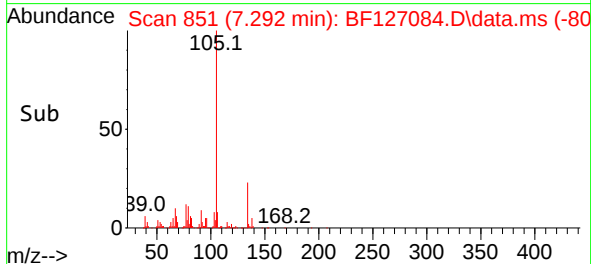
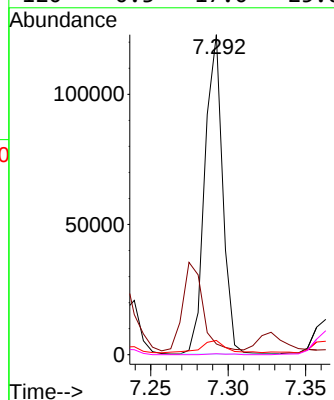
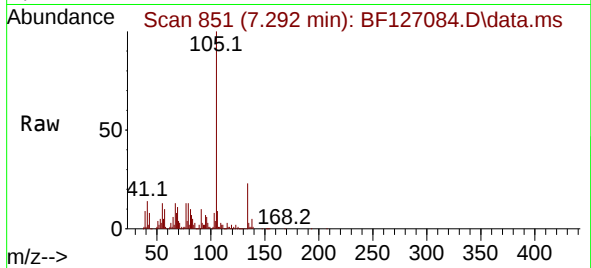




#22
Acetophenone
Concen: 11.299 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.029 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

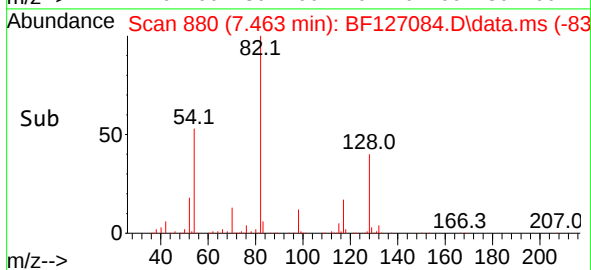
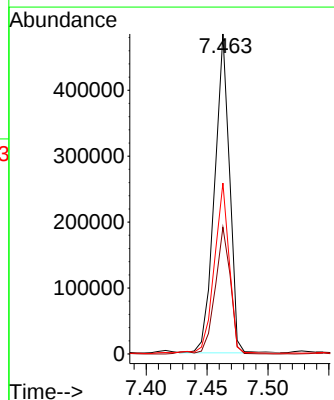
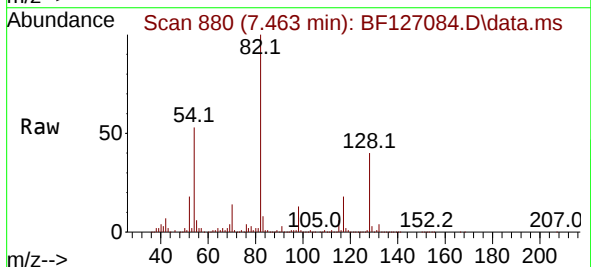
Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

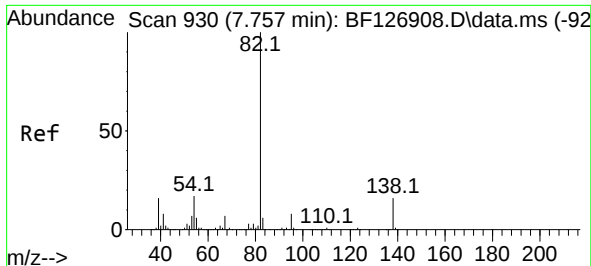
Tgt Ion:105 Resp: 97760
Ion Ratio Lower Upper
105 100
71 3.4 5.4 8.0#
51 4.4 27.4 41.0#
120 0.3 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 56.850 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

Tgt Ion: 82 Resp: 413871
Ion Ratio Lower Upper
82 100
128 39.6 32.7 49.1
54 53.4 41.7 62.5

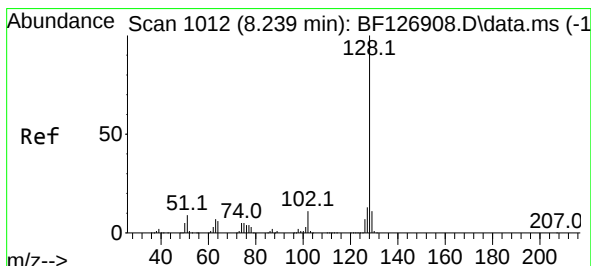
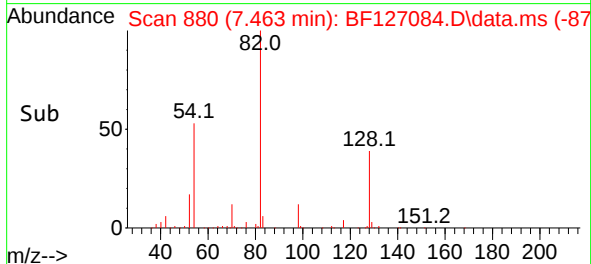
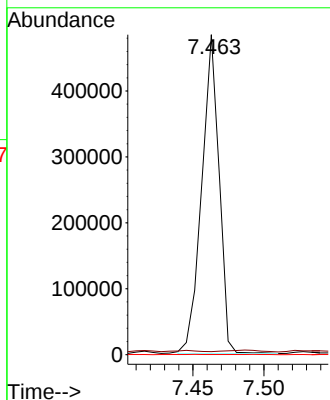
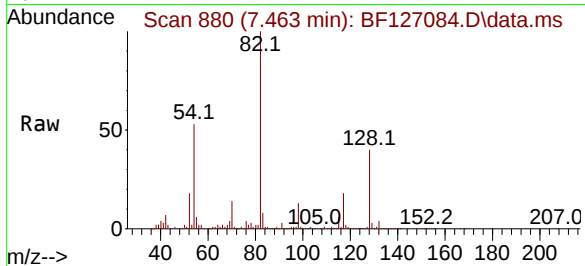




#25
Isophorone
Concen: 34.254 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

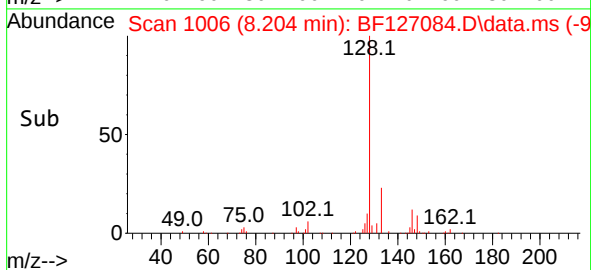
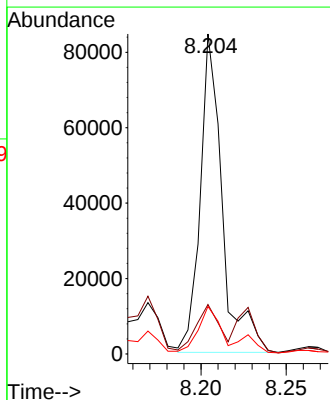
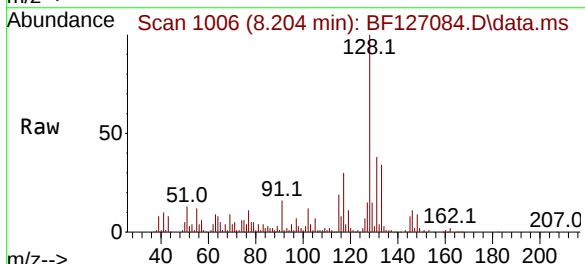
Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

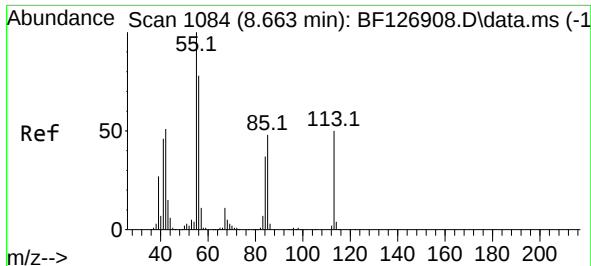
Tgt Ion: 82 Resp: 412640
Ion Ratio Lower Upper
82 100
95 0.9 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 4.413 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

Tgt Ion: 128 Resp: 75704
Ion Ratio Lower Upper
128 100
129 15.5 8.6 13.0#
127 14.9 10.3 15.5

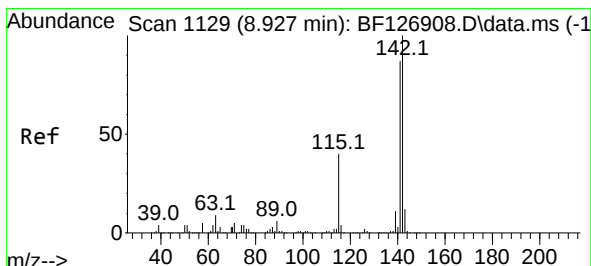
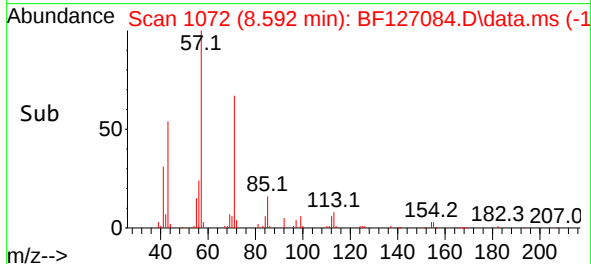
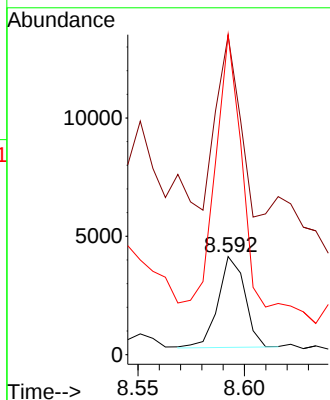
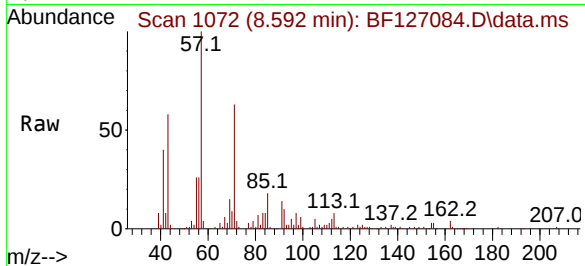




#35
 Caprolactam
 Concen: 2.129 ng
 RT: 8.592 min Scan# 1107
 Delta R.T. -0.047 min
 Lab File: BF127084.D
 Acq: 25 Feb 2022 21:29

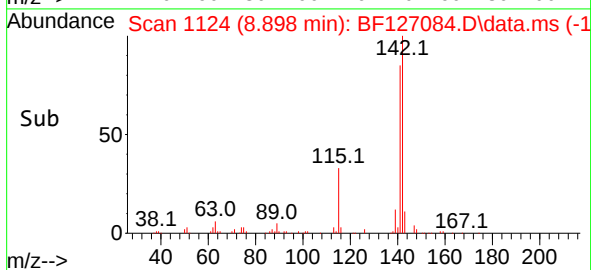
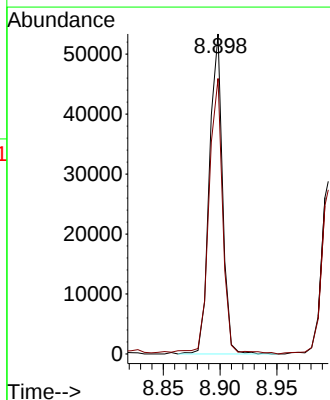
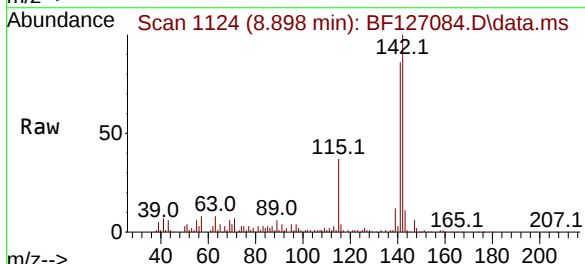
Instrument :
 BNA_F
 ClientSampleId :
 UNK-NORTH

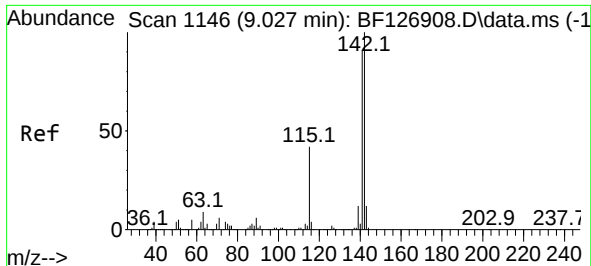
Tgt Ion:113 Resp: 3363
 Ion Ratio Lower Upper
 113 100
 55 325.2 183.9 223.9#
 56 326.0 129.9 169.9#



#37
 2-Methylnaphthalene
 Concen: 3.839 ng
 RT: 8.898 min Scan# 1124
 Delta R.T. -0.012 min
 Lab File: BF127084.D
 Acq: 25 Feb 2022 21:29

Tgt Ion:142 Resp: 42731
 Ion Ratio Lower Upper
 142 100
 141 86.1 68.6 102.8

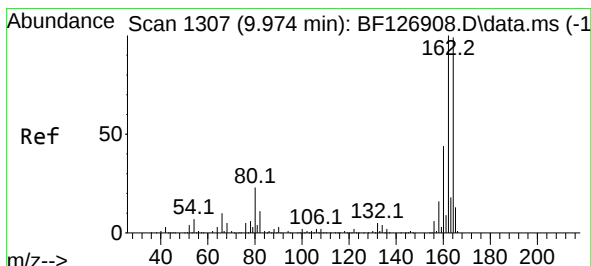
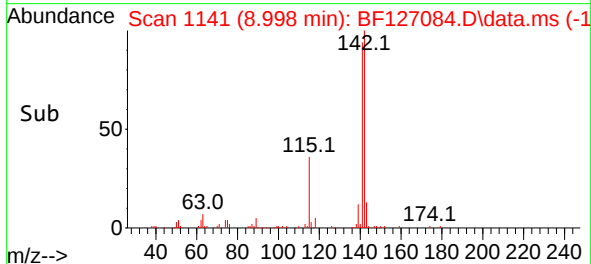
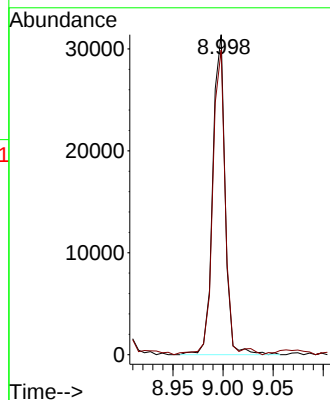
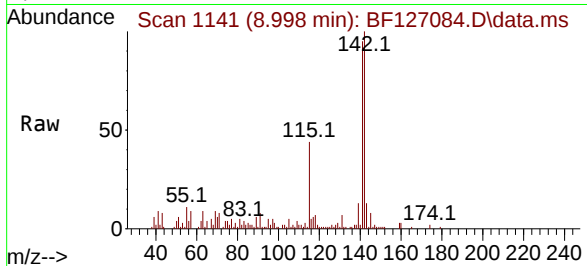




#38
1-Methylnaphthalene
Concen: 2.538 ng
RT: 8.998 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

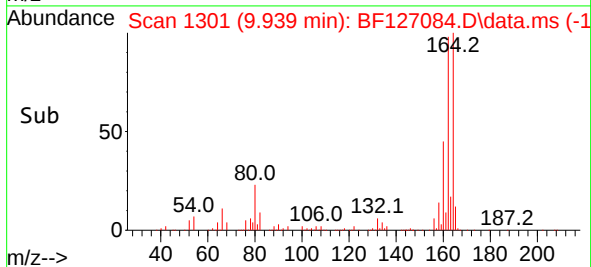
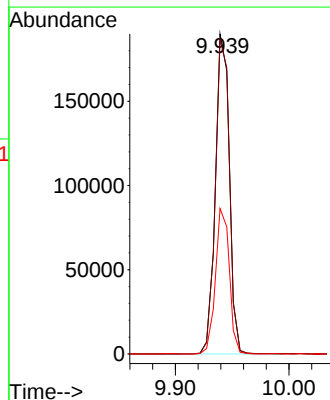
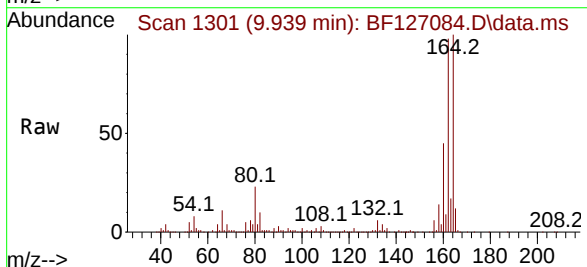
Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

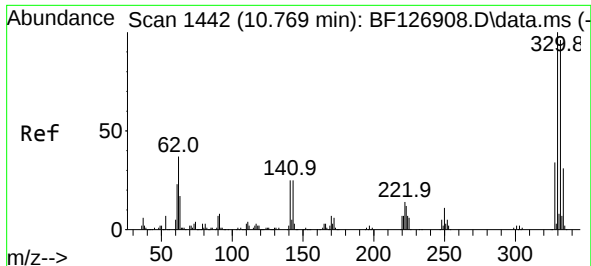
Tgt Ion:142 Resp: 27057
Ion Ratio Lower Upper
142 100
141 95.3 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

Tgt Ion:164 Resp: 162211
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 74.232 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127084.D

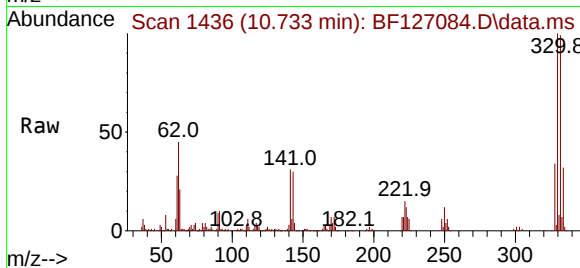
Acq: 25 Feb 2022 21:29

Instrument :

BNA_F

ClientSampleId :

UNK-NORTH



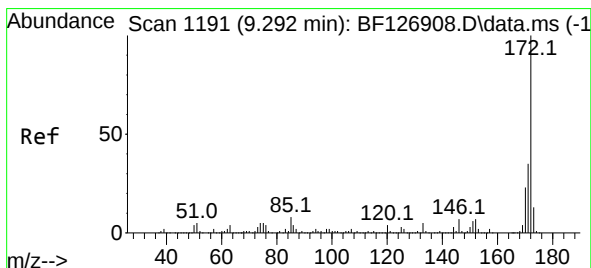
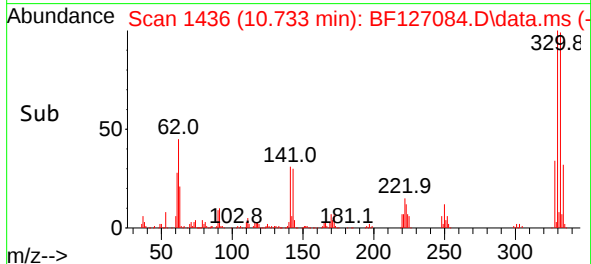
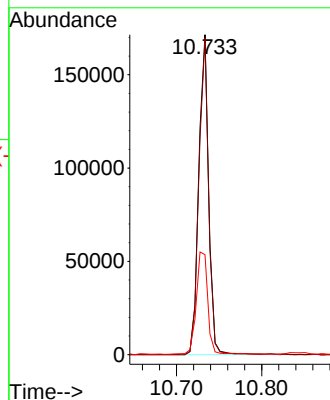
Tgt Ion:330 Resp: 138638

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 36.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.287 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF127084.D

Acq: 25 Feb 2022 21:29

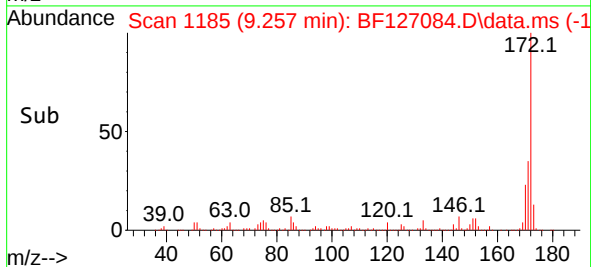
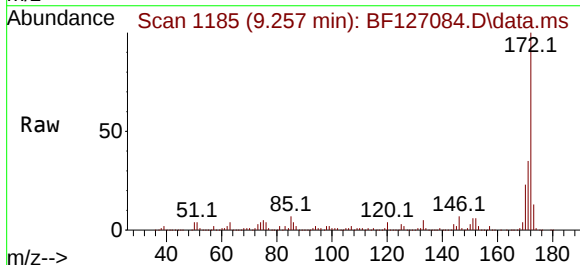
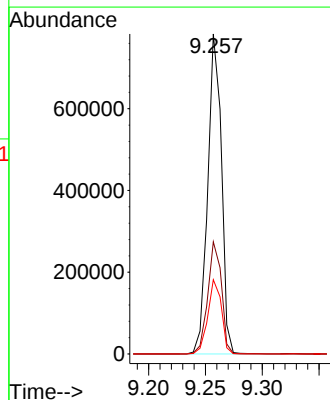
Tgt Ion:172 Resp: 653263

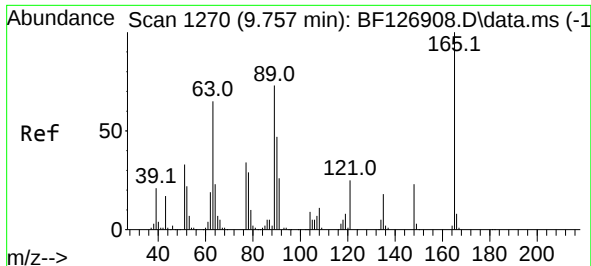
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.2 19.0 28.6

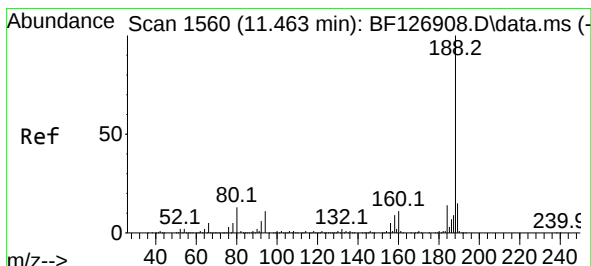
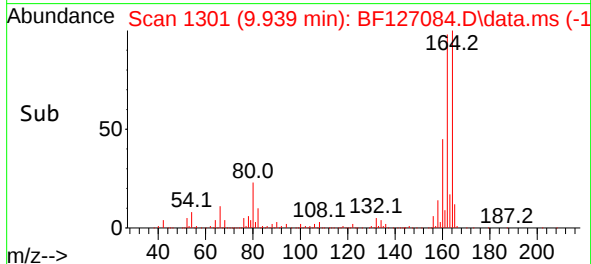
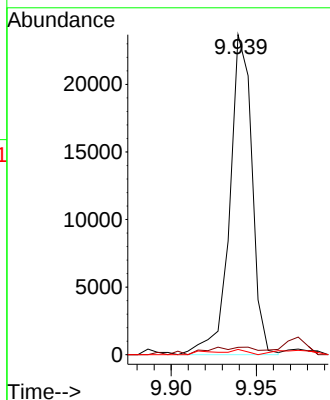
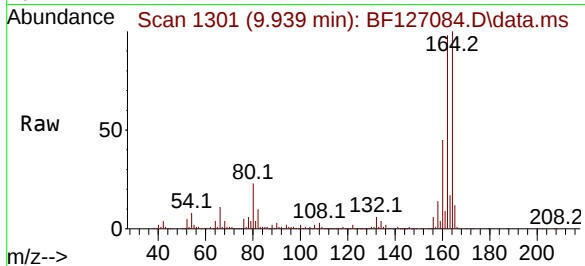




#51
2,6-Dinitrotoluene
Concen: 9.146 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

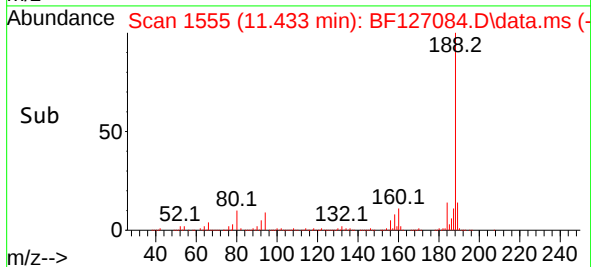
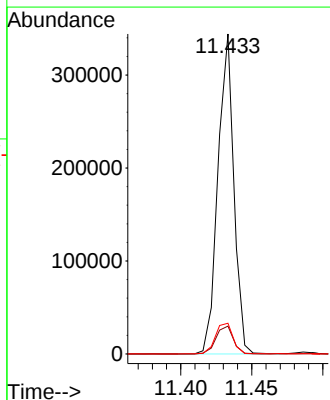
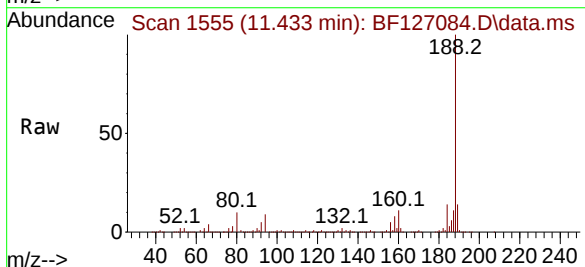
Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

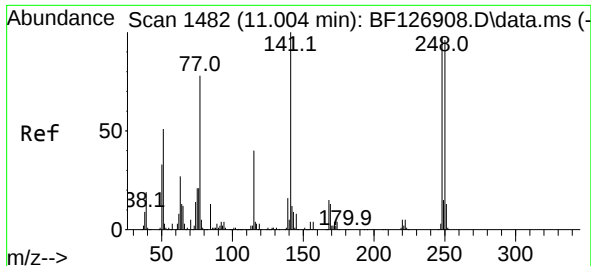
Tgt Ion:165 Resp: 21575
Ion Ratio Lower Upper
165 100
63 2.3 48.4 72.6#
89 1.7 50.5 75.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

Tgt Ion:188 Resp: 268042
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 9.6 11.8 17.6#

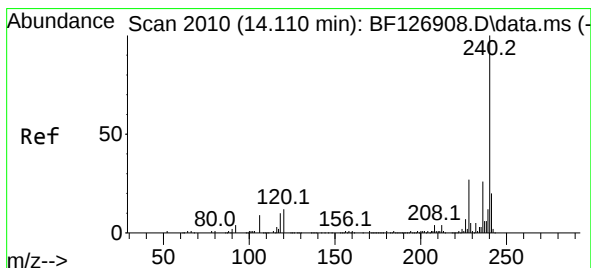
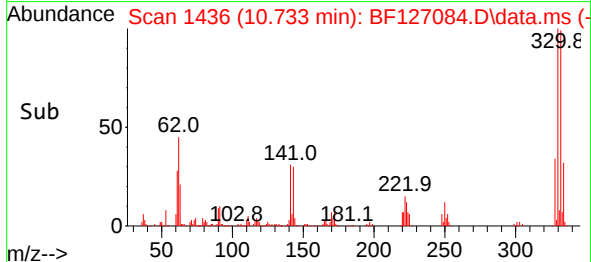
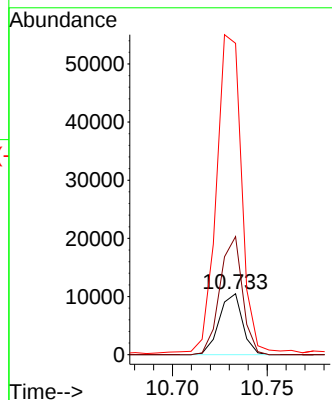
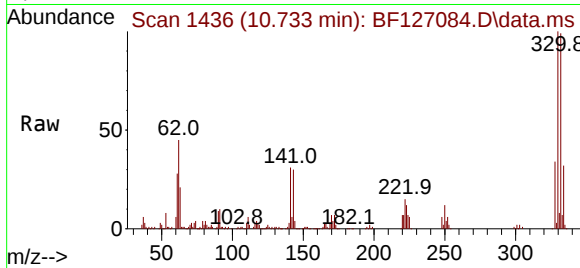




#67
4-Bromophenyl-phenylether
Concen: 3.005 ng
RT: 10.733 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

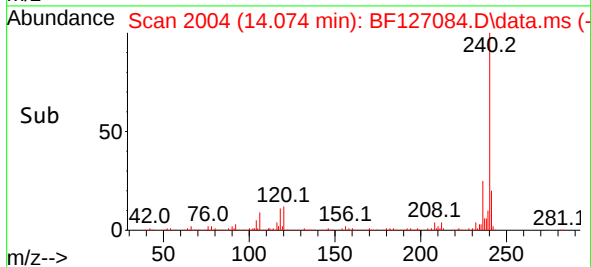
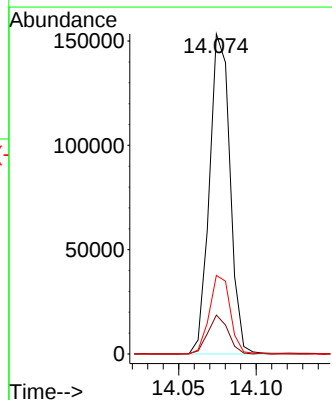
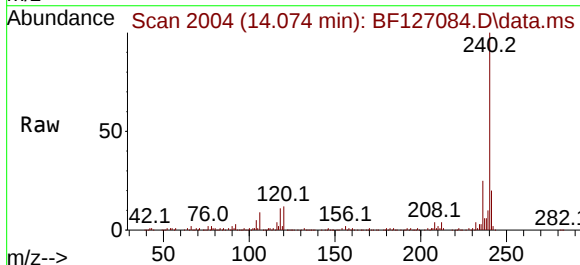
Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

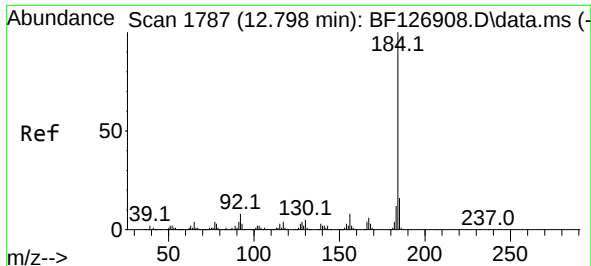
Tgt Ion:248 Resp: 8998
Ion Ratio Lower Upper
248 100
250 193.6 76.2 114.4#
141 510.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

Tgt Ion:240 Resp: 141826
Ion Ratio Lower Upper
240 100
120 12.2 14.4 21.6#
236 24.6 20.5 30.7

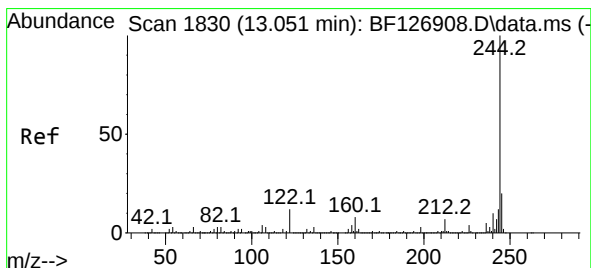
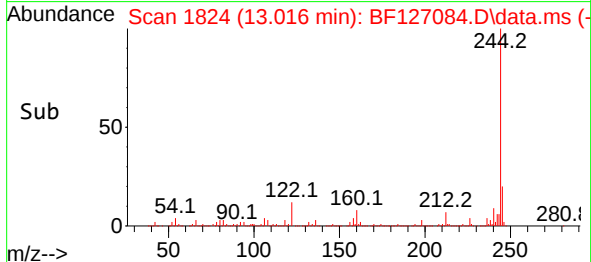
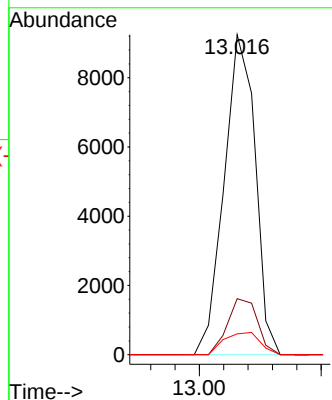
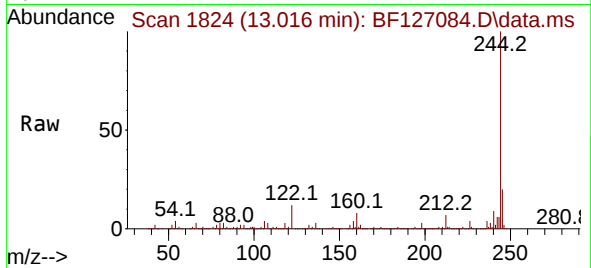




#77
Benzidine
Concen: 2.127 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.241 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

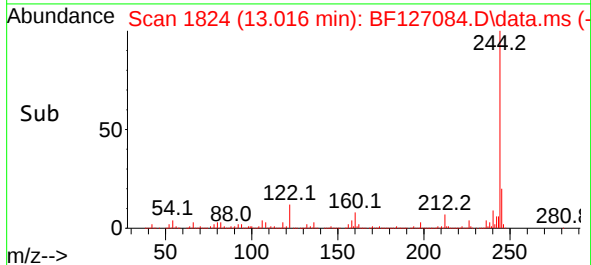
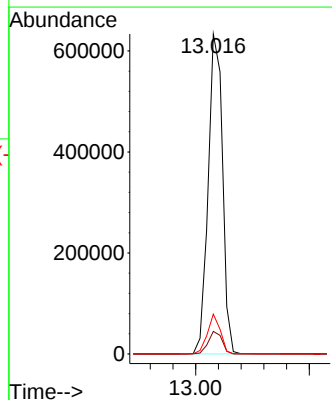
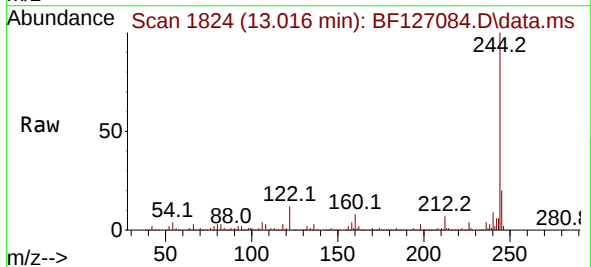
Instrument :
BNA_F
ClientSampleId :
UNK-NORTH

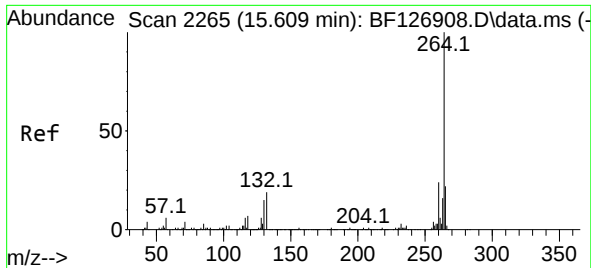
Tgt Ion:184 Resp: 8196
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.8
183 6.5 8.2 12.2#



#79
Terphenyl-d14
Concen: 57.455 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF127084.D
Acq: 25 Feb 2022 21:29

Tgt Ion:244 Resp: 554314
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 12.5 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: BF127084.D

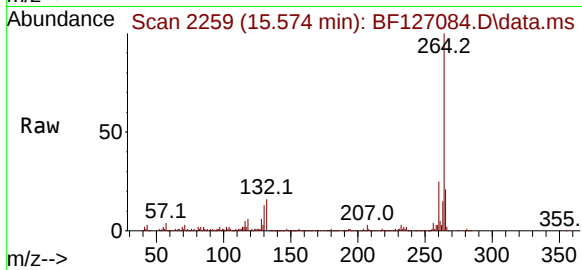
Acq: 25 Feb 2022 21:29

Instrument :

BNA_F

ClientSampleId :

UNK-NORTH



Tgt Ion:264 Resp: 171276

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 20.9 17.4 26.2

