

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128706.D
 Acq On : 06 Jun 2022 19:57
 Operator : CG\JU
 Sample : N3168-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HELENS-0602RE

Quant Time: Jun 07 02:43:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

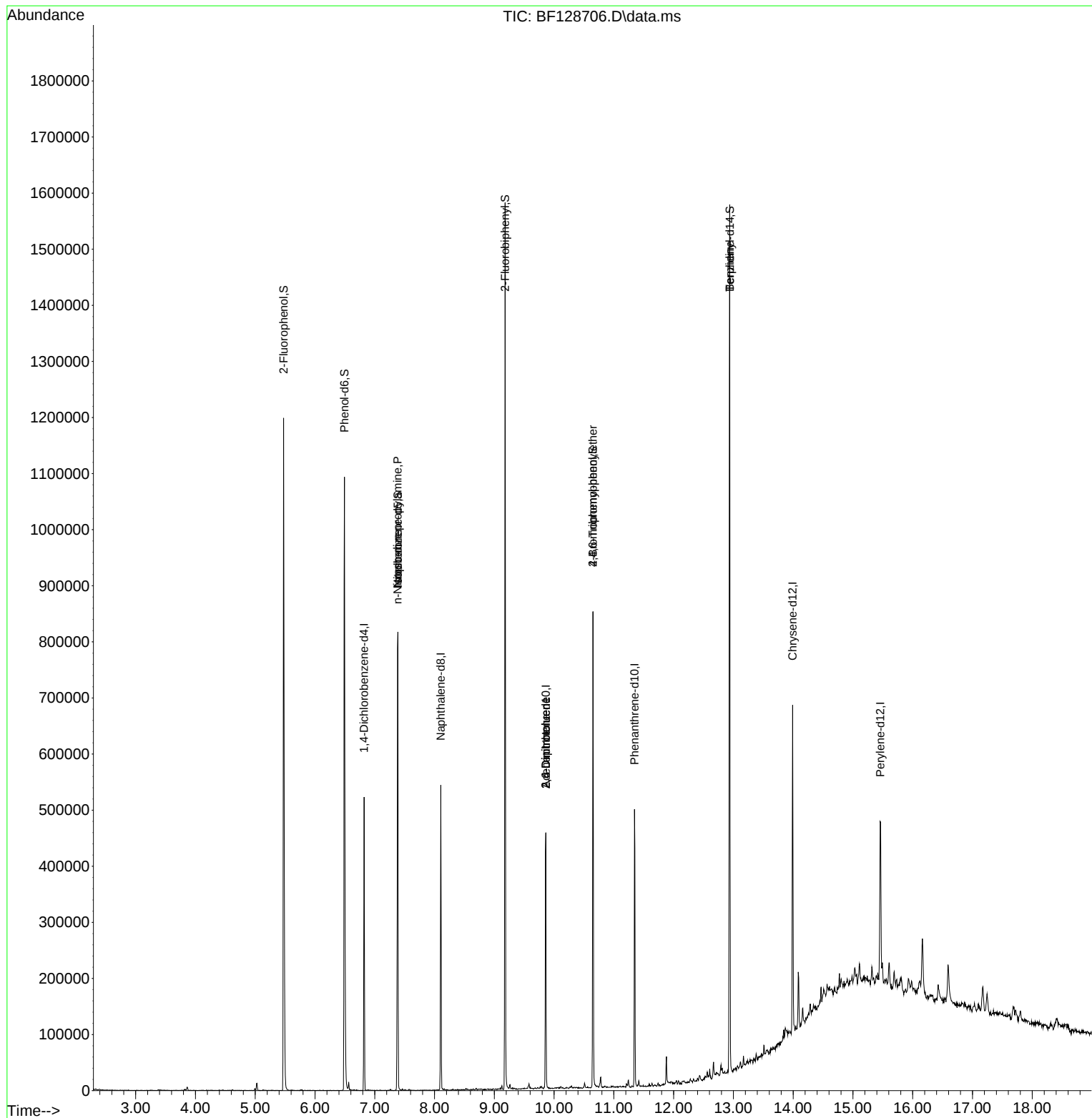
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	58849	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	193593	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	91918	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	171085	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	182931	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	138240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	291819	78.985	ng	0.00
7) Phenol-d6	6.492	99	343959	76.267	ng	0.00
23) Nitrobenzene-d5	7.386	82	240695	57.886	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	81773	75.293	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	400335	61.010	ng	-0.01
79) Terphenyl-d14	12.939	244	487104	46.269	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	34204	12.198	ng	# 86
25) Isophorone	7.386	82	240693	38.114	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	11704	9.425	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	11704	7.062	ng	# 22
67) 4-Bromophenyl-phenylether	10.651	248	5227	2.740	ng	# 1
77) Benzidine	12.939	184	8778	2.407	ng	# 93

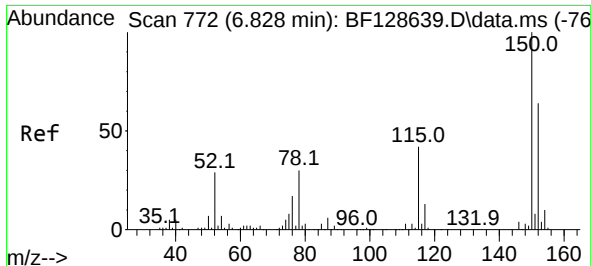
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128706.D
Acq On : 06 Jun 2022 19:57
Operator : CG\JU
Sample : N3168-01RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HELENS-0602RE

Quant Time: Jun 07 02:43:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

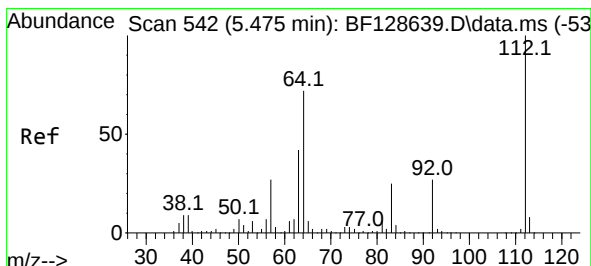
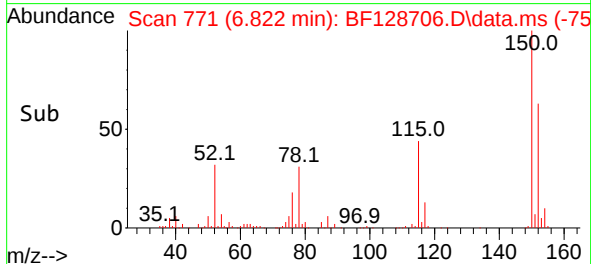
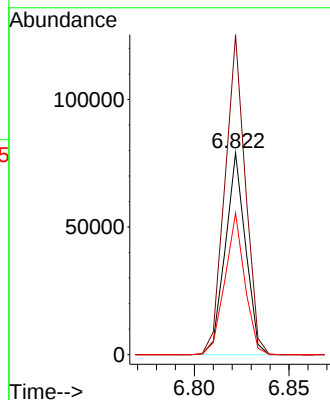
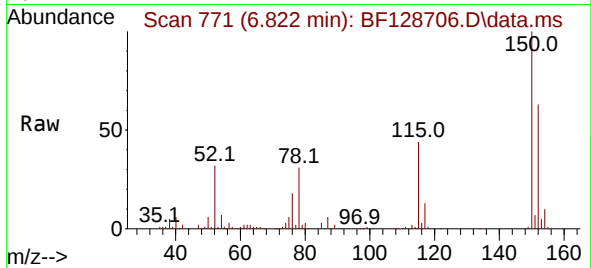




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

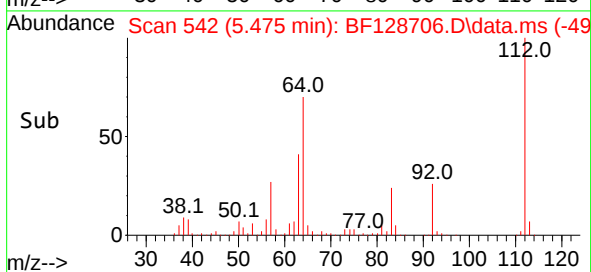
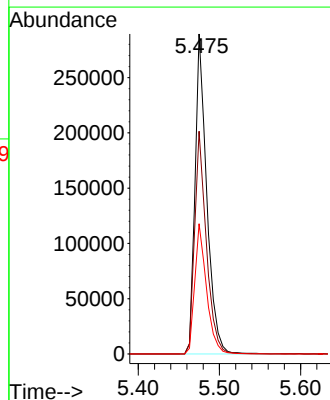
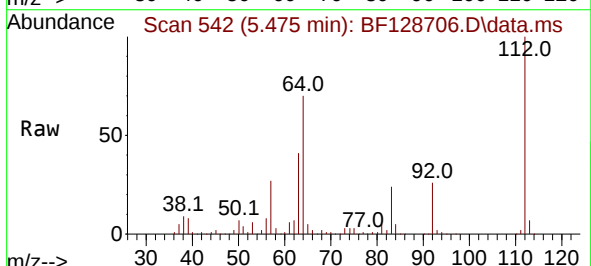
Instrument :
BNA_F
ClientSampleId :
HELENS-0602RE

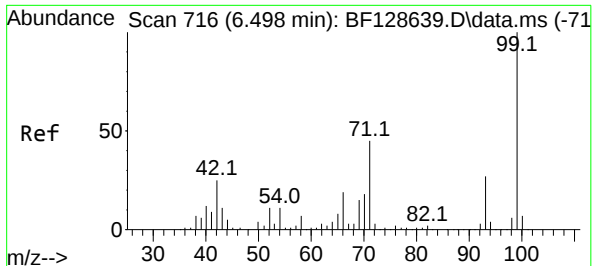
Tgt Ion:152 Resp: 58849
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 70.1 49.9 74.9



#5
2-Fluorophenol
Concen: 78.985 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

Tgt Ion:112 Resp: 291819
Ion Ratio Lower Upper
112 100
64 69.6 53.3 79.9
63 40.7 28.0 42.0

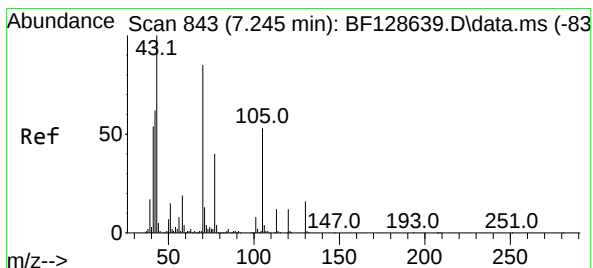
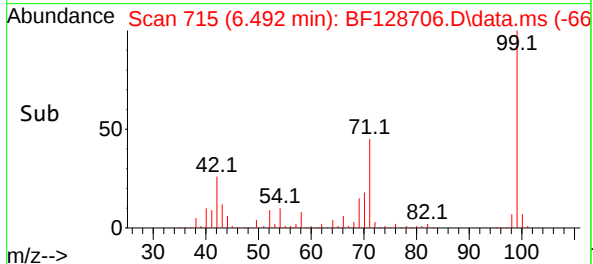
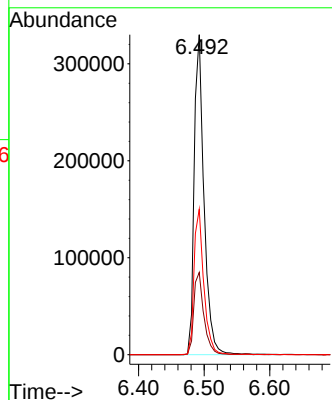
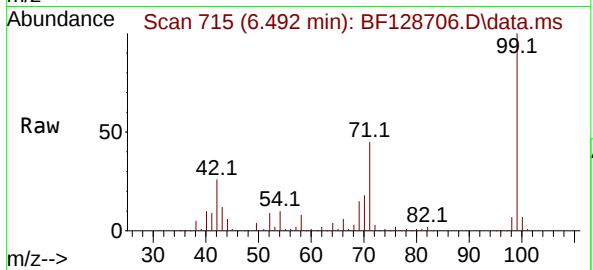




#7
Phenol-d6
Concen: 76.267 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

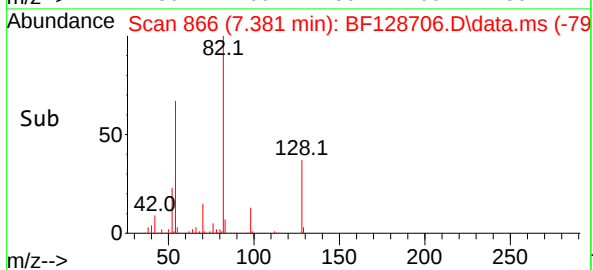
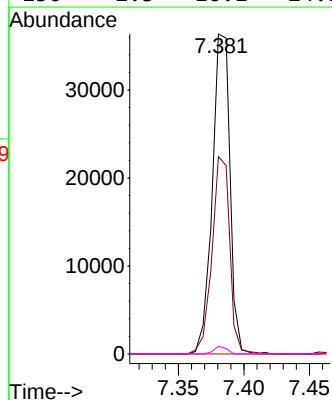
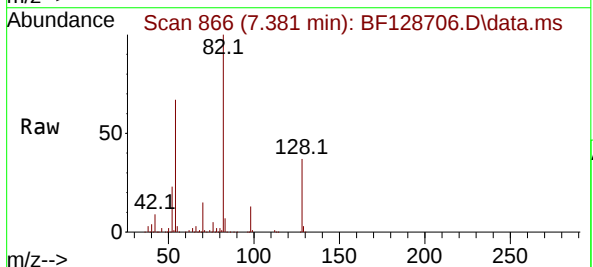
Instrument :
BNA_F
ClientSampleId :
HELENS-0602RE

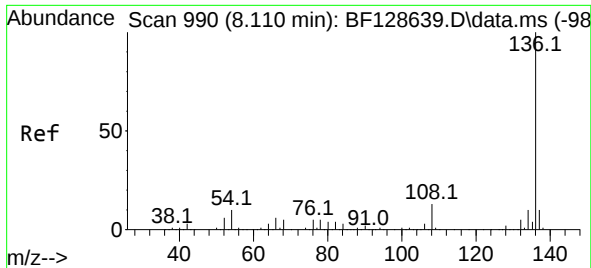
Tgt Ion: 99 Resp: 343959
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 45.5 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.198 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

Tgt Ion: 70 Resp: 34204
Ion Ratio Lower Upper
70 100
42 61.7 52.3 78.5
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

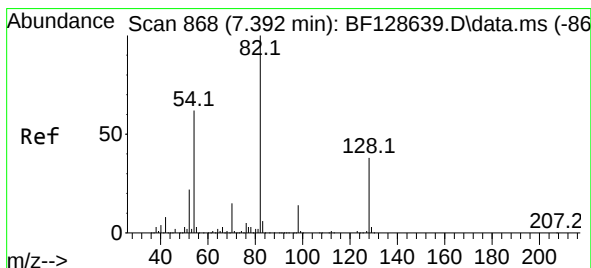
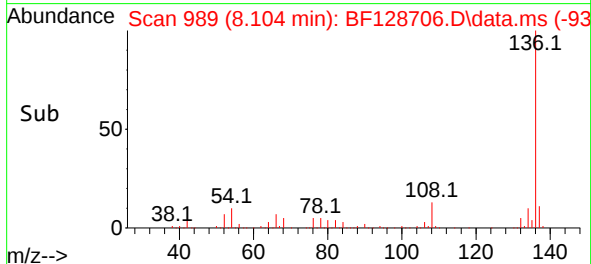
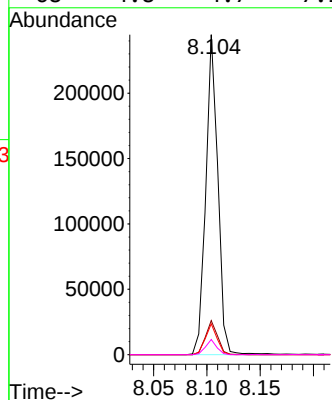
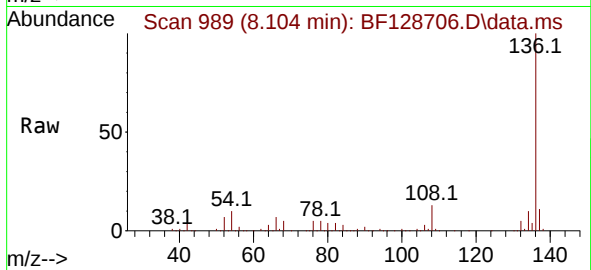




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

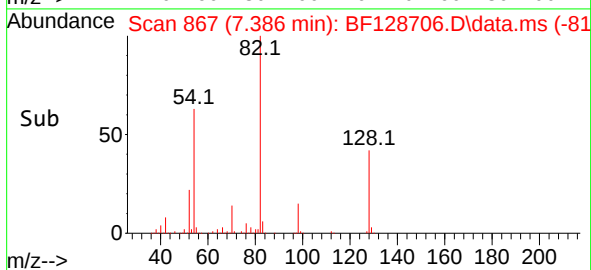
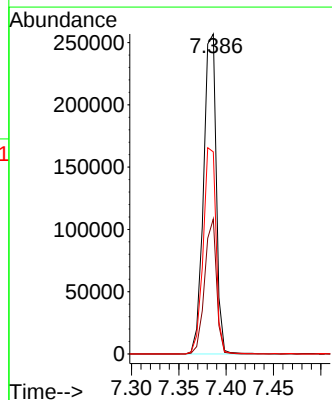
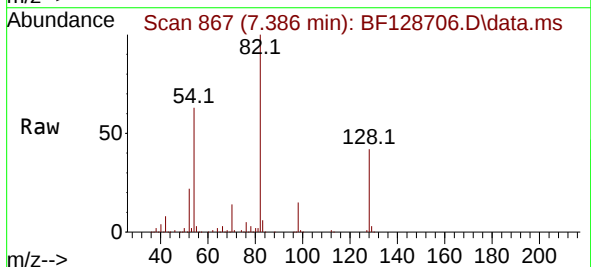
Instrument :
BNA_F
ClientSampleId :
HELENS-0602RE

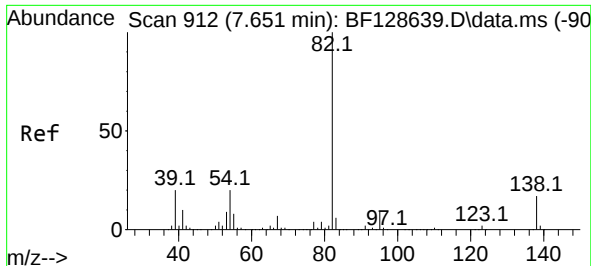
Tgt Ion:136	Resp: 193593
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 9.6	7.5 11.3
68 4.8	4.7 7.1



#23
Nitrobenzene-d5
Concen: 57.886 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

Tgt Ion: 82	Resp: 240695
Ion Ratio	Lower Upper
82 100	
128 42.2	34.0 51.0
54 63.2	46.9 70.3

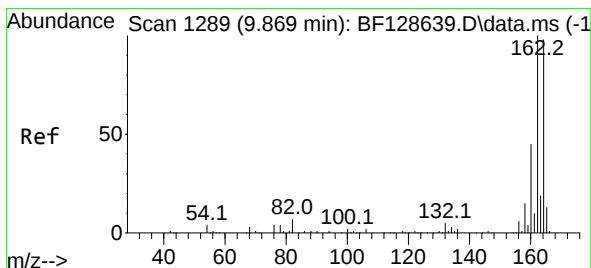
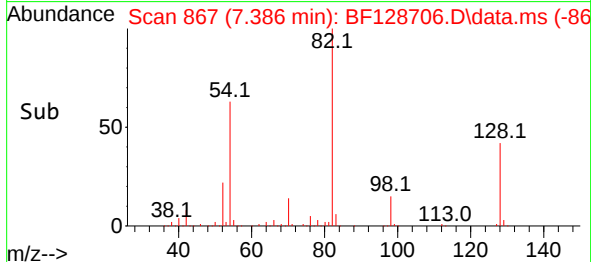
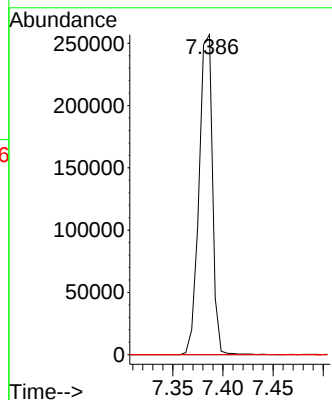
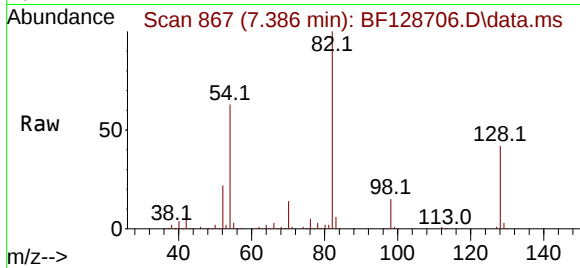




#25
Isophorone
Concen: 38.114 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

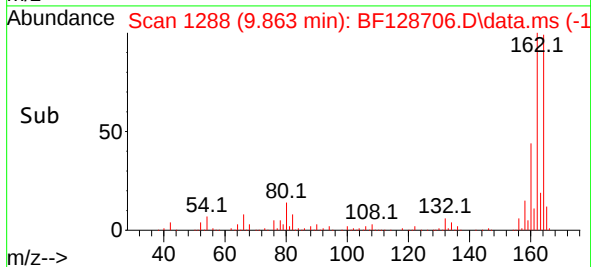
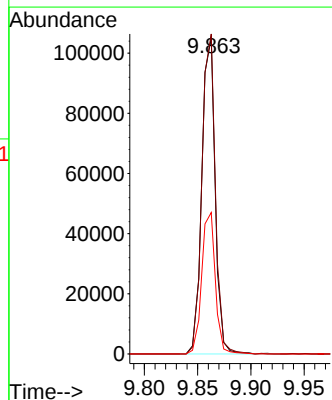
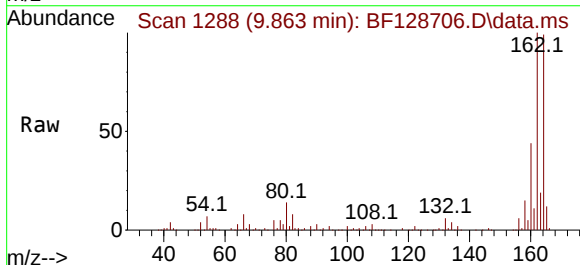
Instrument :
BNA_F
ClientSampleId :
HELENS-0602RE

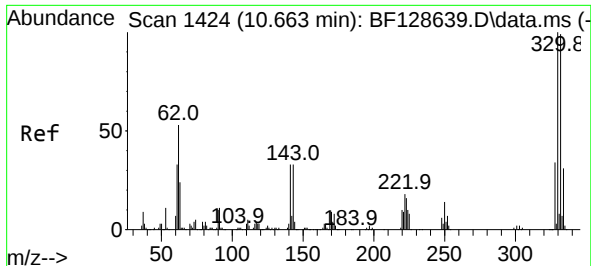
Tgt Ion: 82 Resp: 240693
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

Tgt Ion:164 Resp: 91918
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 75.293 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128706.D

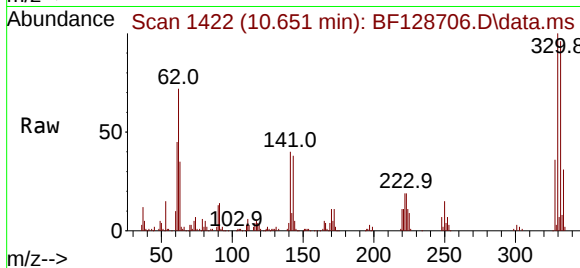
Acq: 06 Jun 2022 19:57

Instrument :

BNA_F

ClientSampleId :

HELENS-0602RE



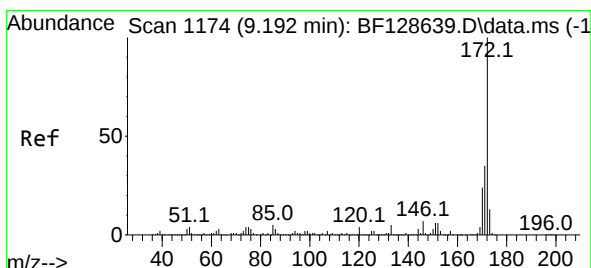
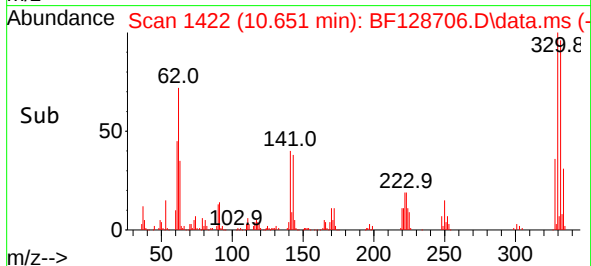
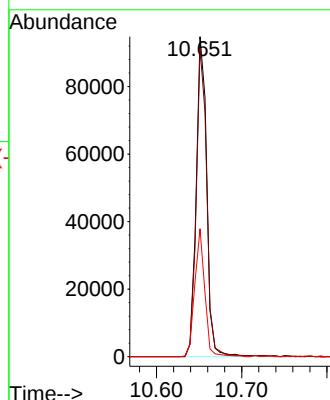
Tgt Ion:330 Resp: 81773

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 37.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.010 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BF128706.D

Acq: 06 Jun 2022 19:57

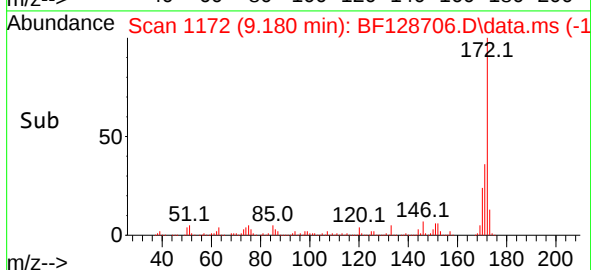
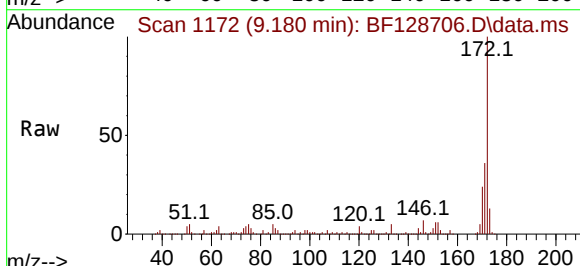
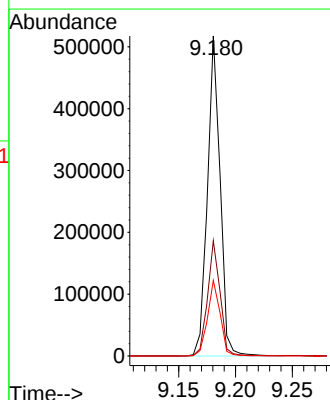
Tgt Ion:172 Resp: 400335

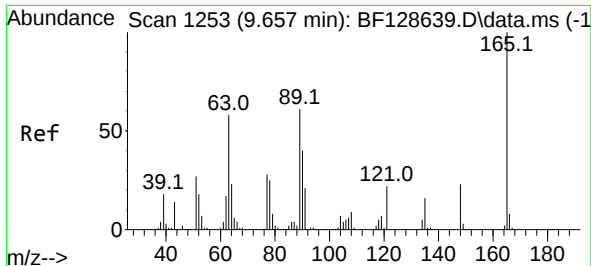
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.425 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128706.D

Acq: 06 Jun 2022 19:57

Instrument :

BNA_F

ClientSampleId :

HELENS-0602RE

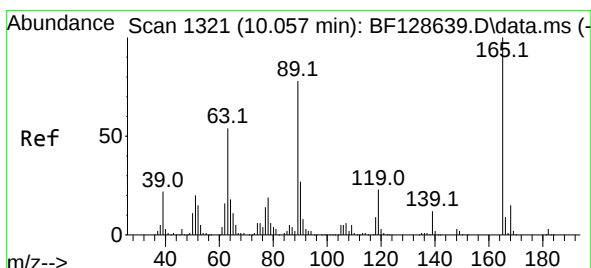
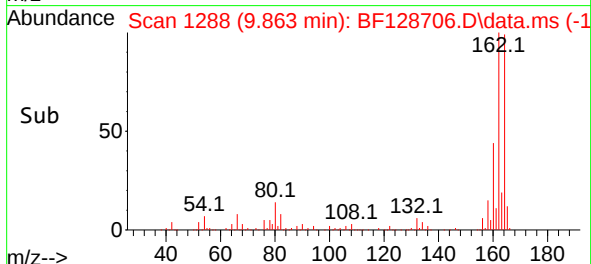
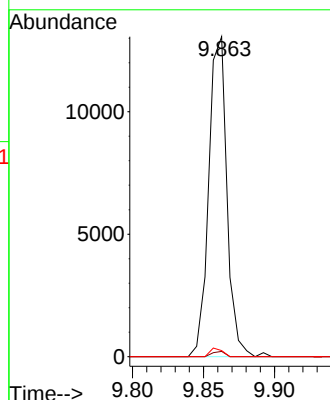
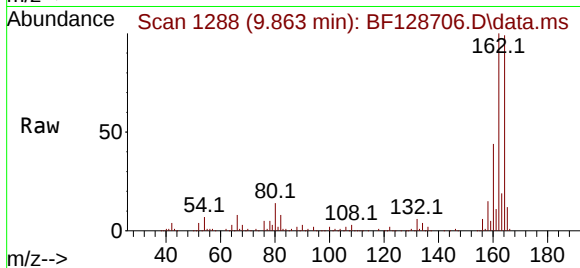
Tgt Ion:165 Resp: 11704

Ion Ratio Lower Upper

165 100

63 1.6 44.9 67.3#

89 1.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.062 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128706.D

Acq: 06 Jun 2022 19:57

Tgt Ion:165 Resp: 11704

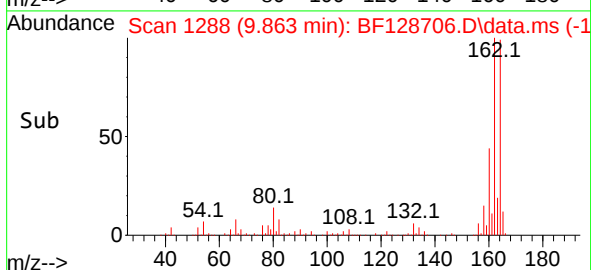
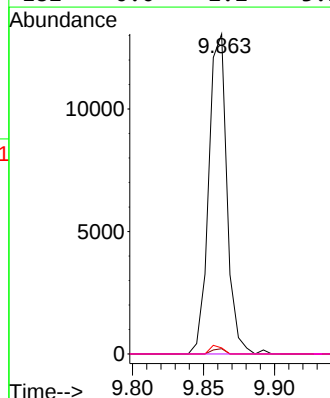
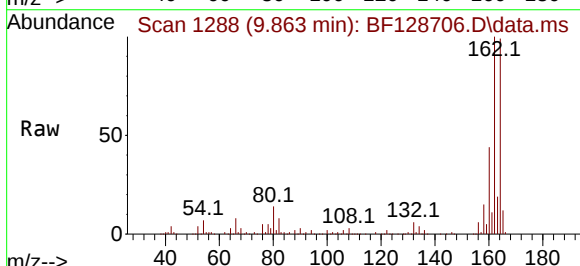
Ion Ratio Lower Upper

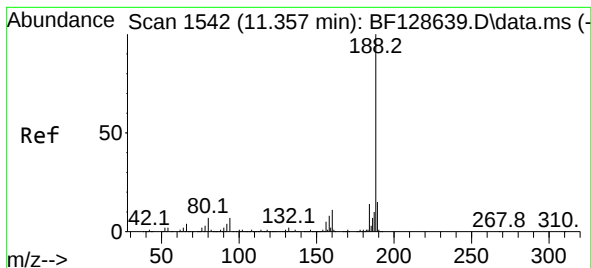
165 100

63 1.6 39.8 59.6#

89 1.9 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128706.D

Acq: 06 Jun 2022 19:57

Instrument :

BNA_F

ClientSampleId :

HELENS-0602RE

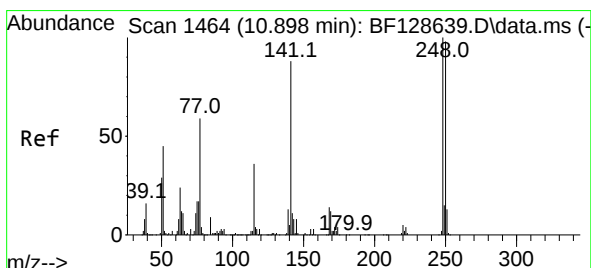
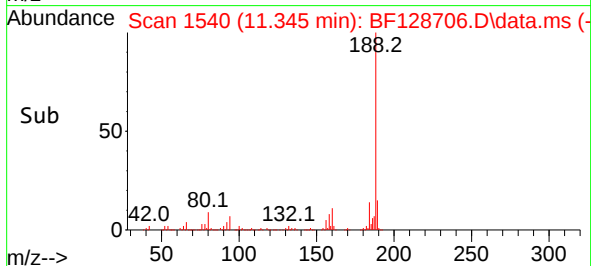
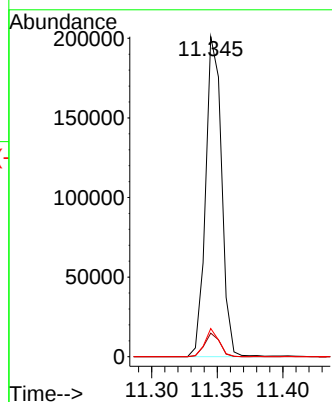
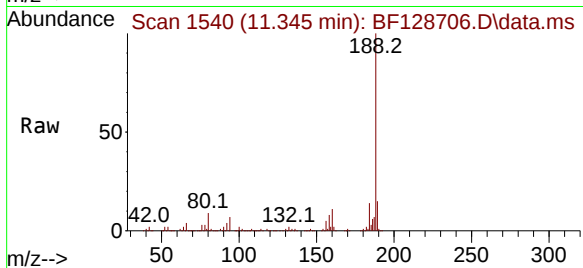
Tgt Ion:188 Resp: 171085

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

80 8.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.740 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.247 min

Lab File: BF128706.D

Acq: 06 Jun 2022 19:57

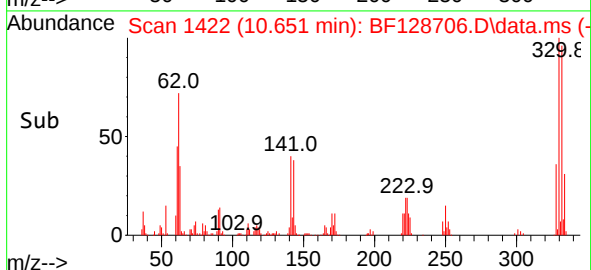
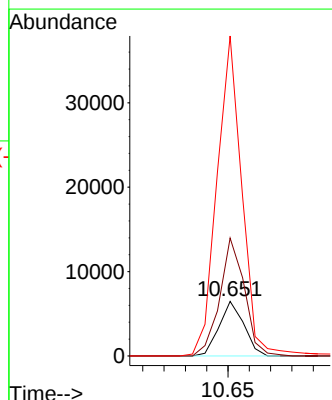
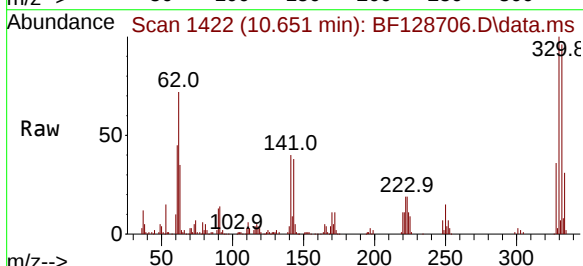
Tgt Ion:248 Resp: 5227

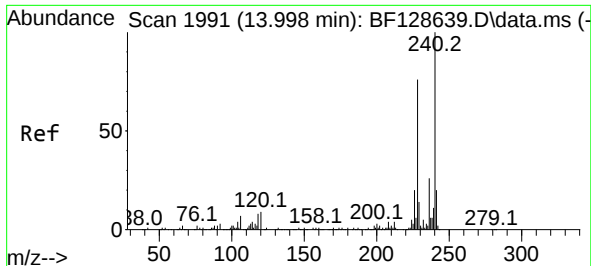
Ion Ratio Lower Upper

248 100

250 216.2 80.6 120.8#

141 586.3 58.9 88.3#

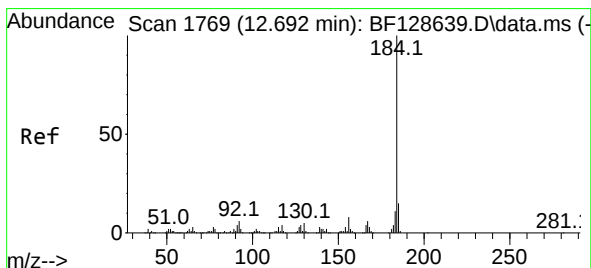
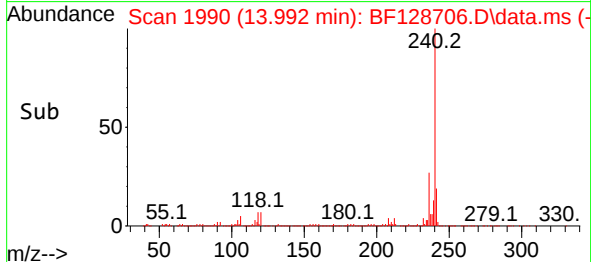
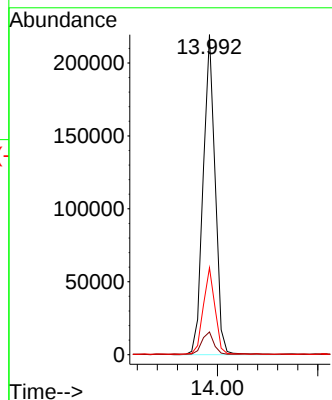
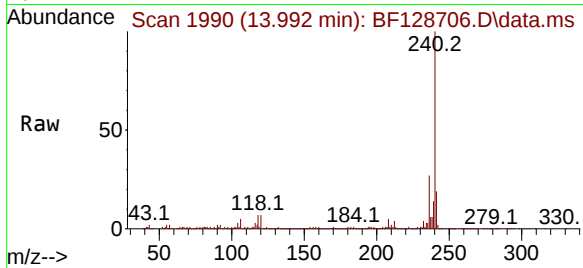




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

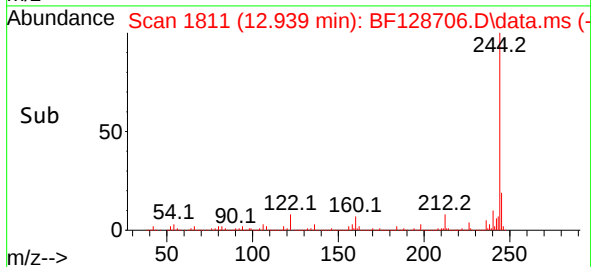
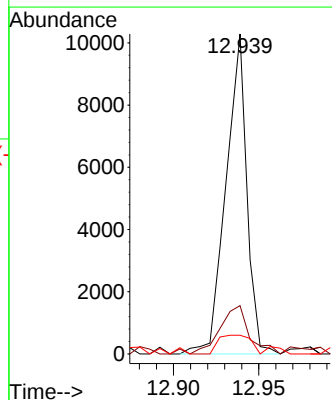
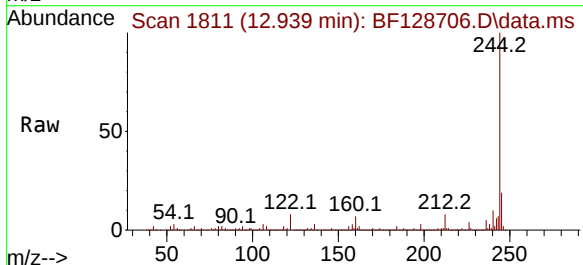
Instrument :
BNA_F
ClientSampleId :
HELENS-0602RE

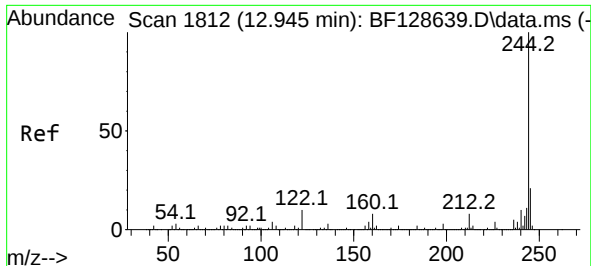
Tgt Ion:240 Resp: 182931
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 27.2 20.8 31.2



#77
Benzidine
Concen: 2.407 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128706.D
Acq: 06 Jun 2022 19:57

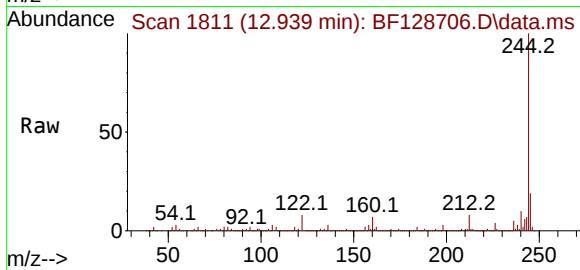
Tgt Ion:184 Resp: 8778
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 5.8 9.3 13.9#



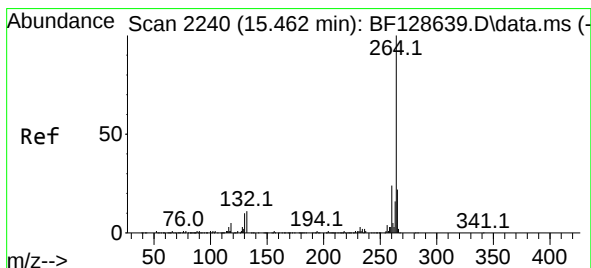
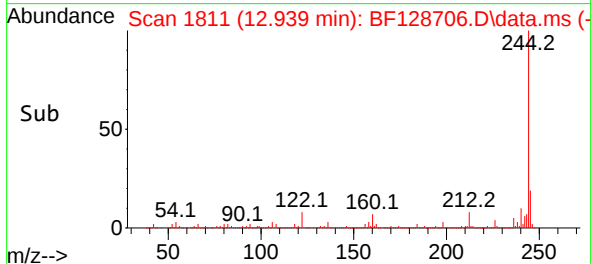
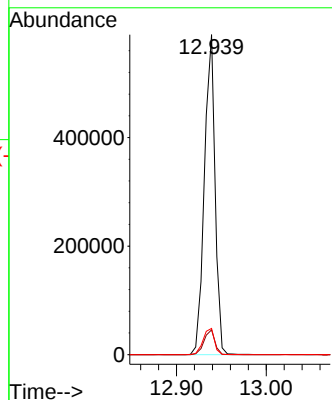


#79
 Terphenyl-d14
 Concen: 46.269 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128706.D
 Acq: 06 Jun 2022 19:57

Instrument :
 BNA_F
 ClientSampleId :
 HELENS-0602RE



Tgt Ion:244 Resp: 487104
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 8.2 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128706.D
 Acq: 06 Jun 2022 19:57

Tgt Ion:264 Resp: 138240
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 22.9 17.2 25.8

