

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128682.D
 Acq On : 03 Jun 2022 16:39
 Operator : CG\JU
 Sample : N3168-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HELENS-0602

Quant Time: Jun 03 23:42:18 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)

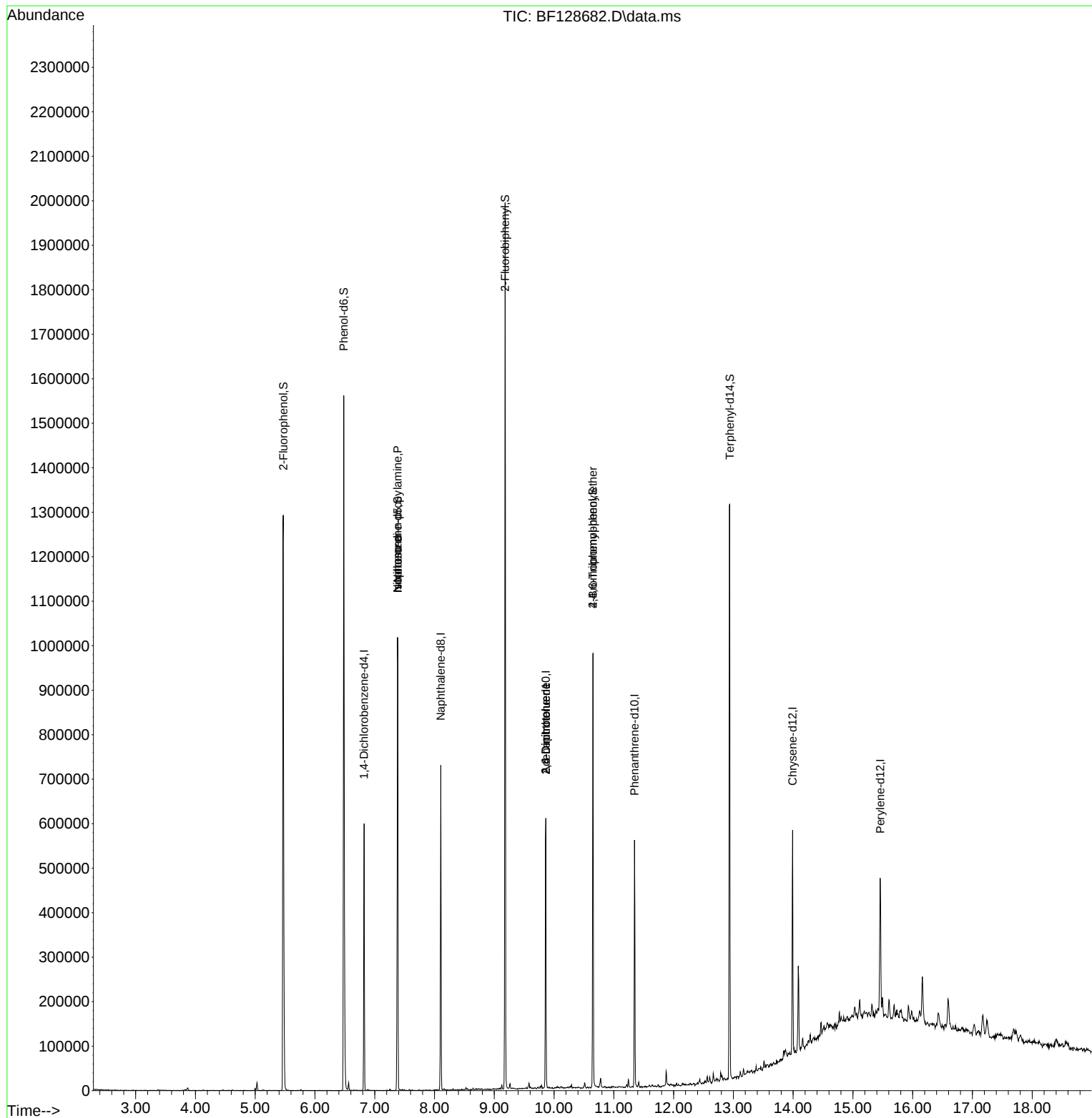
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	71860	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	252477	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	119808	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	181434	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	161588	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	139818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	344723	76.410	ng	0.00
7) Phenol-d6	6.481	99	428250	77.764	ng	-0.02
23) Nitrobenzene-d5	7.381	82	308927	56.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	88883	62.789	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	527419	61.666	ng	-0.01
79) Terphenyl-d14	12.939	244	445582	47.916	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	44657	13.042	ng	# 82
25) Isophorone	7.381	82	308846	37.499	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	15506	9.580	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	15506	7.179	ng	# 22
67) 4-Bromophenyl-phenylether	10.651	248	6372	3.149	ng	# 1

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

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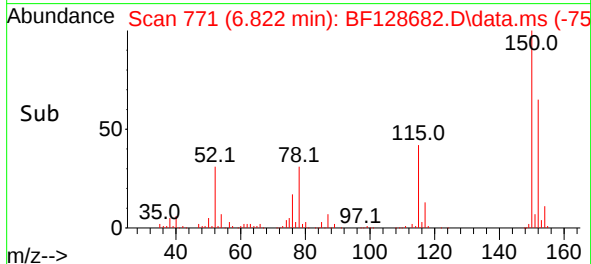
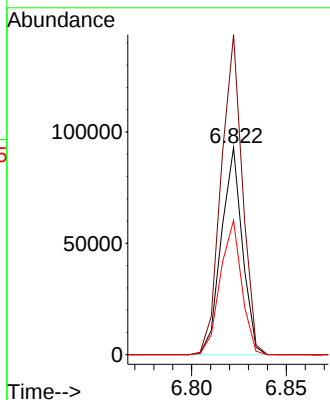
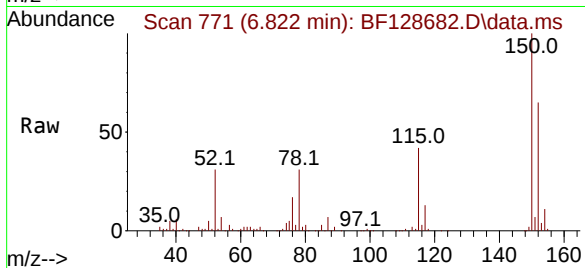




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

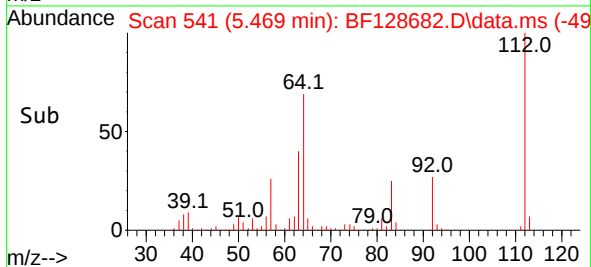
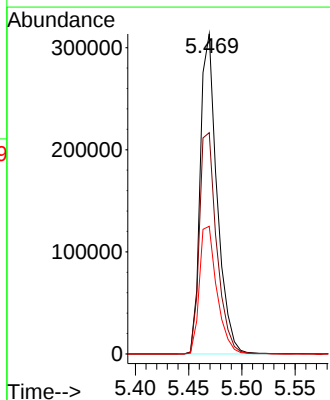
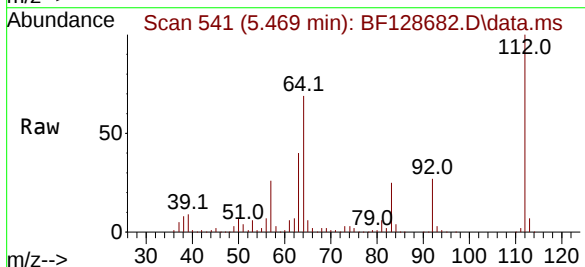
Instrument :
BNA_F
ClientSampleId :
HELENS-0602

Tgt Ion:152 Resp: 71860
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 76.410 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

Tgt Ion:112 Resp: 344723
Ion Ratio Lower Upper
112 100
64 69.1 53.3 79.9
63 39.9 28.0 42.0

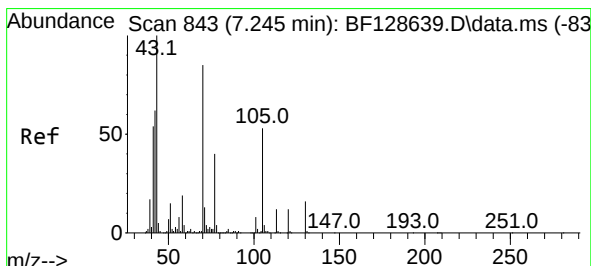
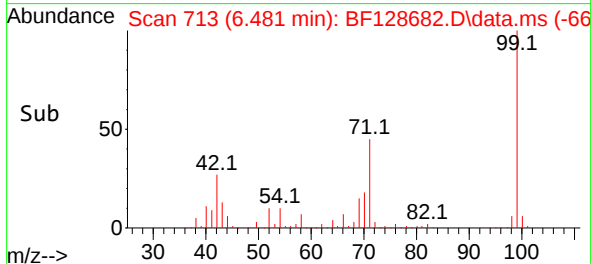
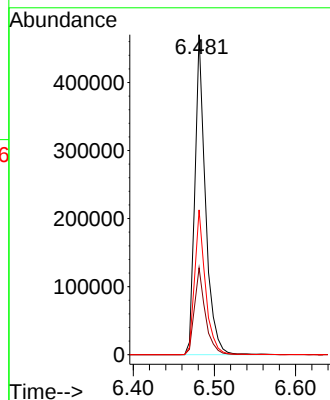
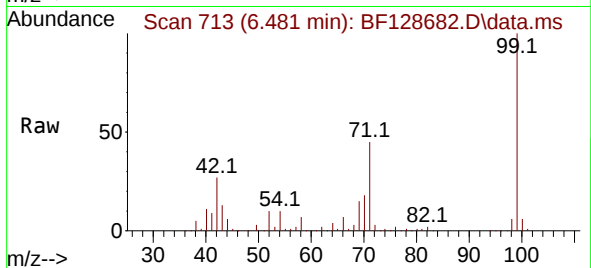




#7
Phenol-d6
Concen: 77.764 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

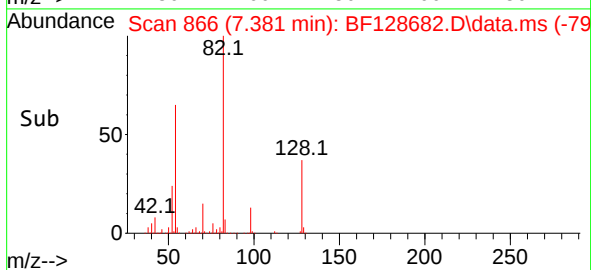
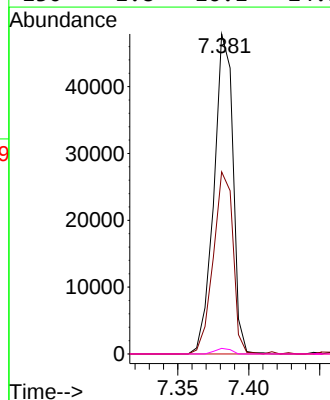
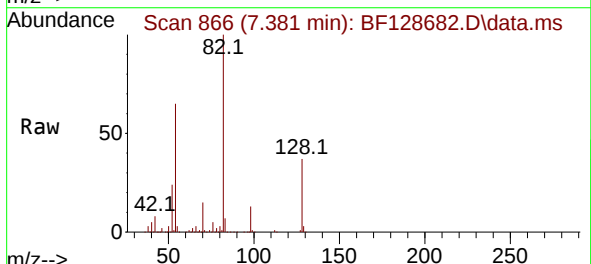
Instrument :
BNA_F
ClientSampleId :
HELENS-0602

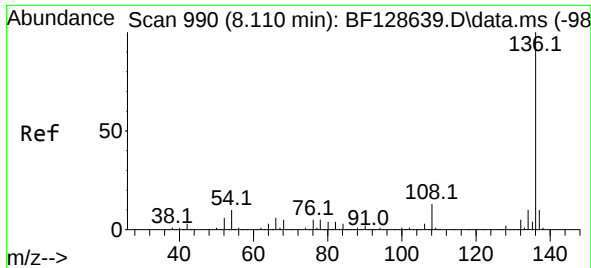
Tgt Ion: 99 Resp: 428250
Ion Ratio Lower Upper
99 100
42 27.1 17.3 25.9#
71 45.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.042 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.136 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

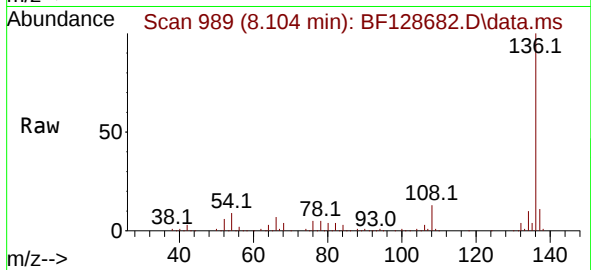
Tgt Ion: 70 Resp: 44657
Ion Ratio Lower Upper
70 100
42 56.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



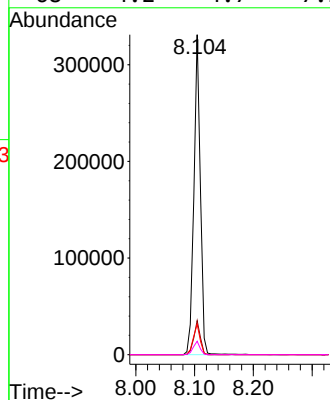
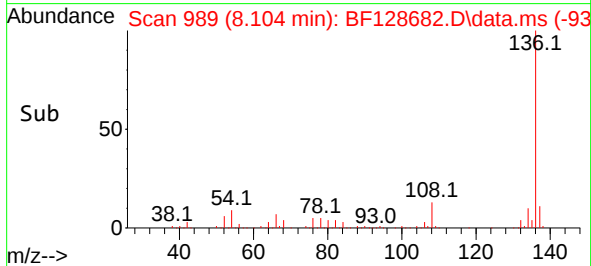


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

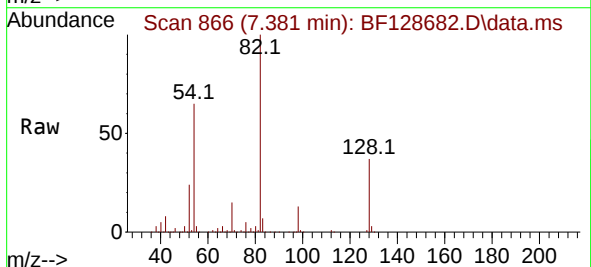
Instrument :
BNA_F
ClientSampleId :
HELENS-0602



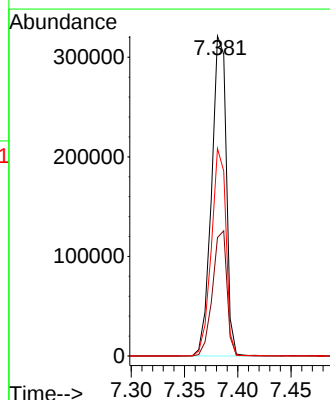
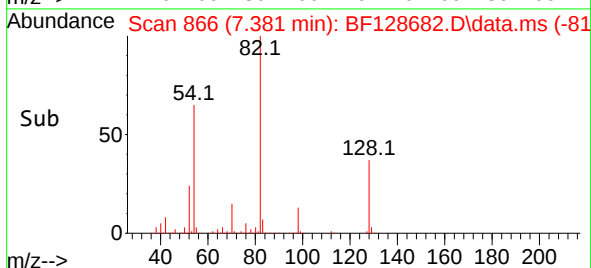
Tgt Ion:136 Resp: 252477
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.5 7.5 11.3
68 4.2 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 56.968 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.011 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39



Tgt Ion: 82 Resp: 308927
Ion Ratio Lower Upper
82 100
128 37.0 34.0 51.0
54 64.9 46.9 70.3

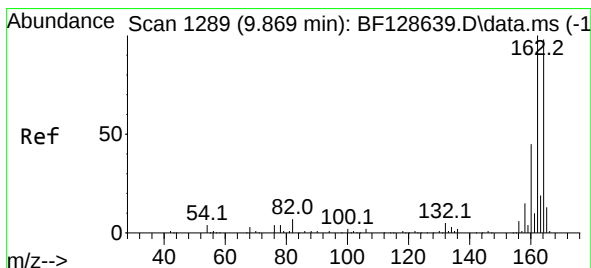
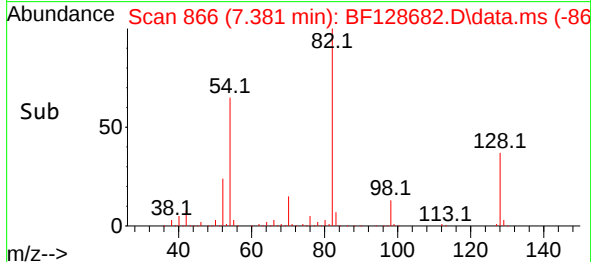
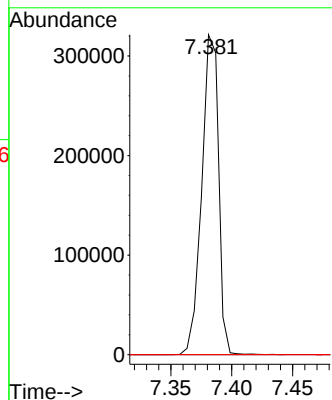
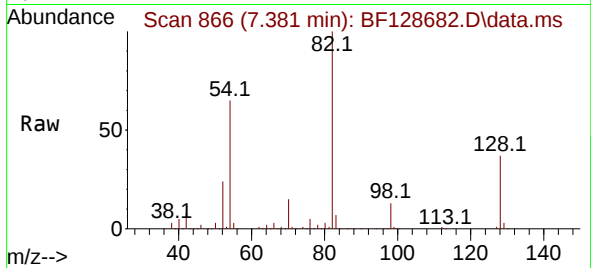




#25
Isophorone
Concen: 37.499 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

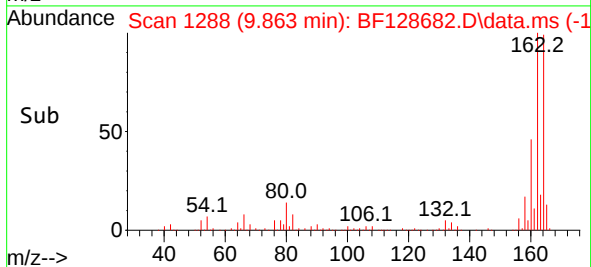
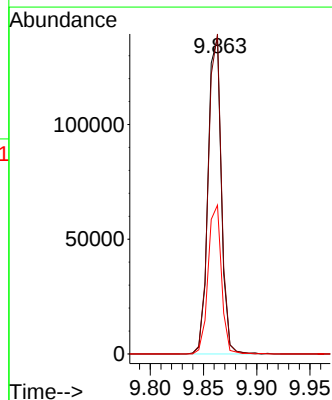
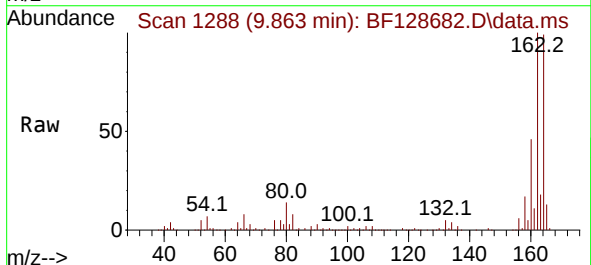
Instrument :
BNA_F
ClientSampleId :
HELENS-0602

Tgt Ion: 82 Resp: 308846
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: BF128682.D
Acq: 03 Jun 2022 16:39

Tgt Ion:164 Resp: 119808
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 47.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 62.789 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128682.D

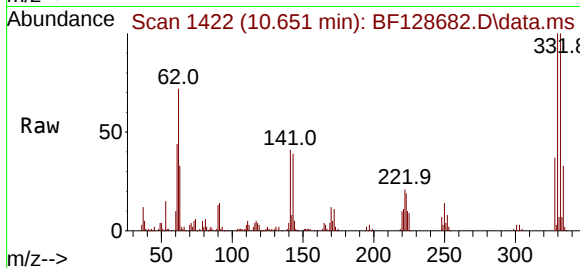
Acq: 03 Jun 2022 16:39

Instrument :

BNA_F

ClientSampleId :

HELENS-0602



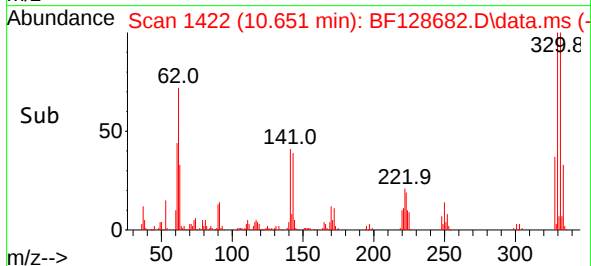
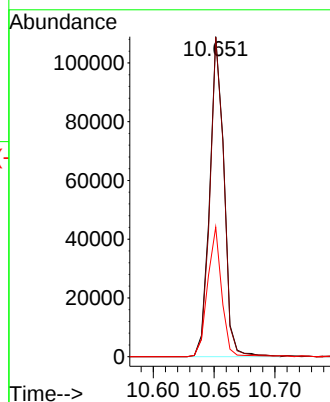
Tgt Ion:330 Resp: 88883

Ion Ratio Lower Upper

330 100

332 98.3 76.8 115.2

141 40.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.666 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.011 min

Lab File: BF128682.D

Acq: 03 Jun 2022 16:39

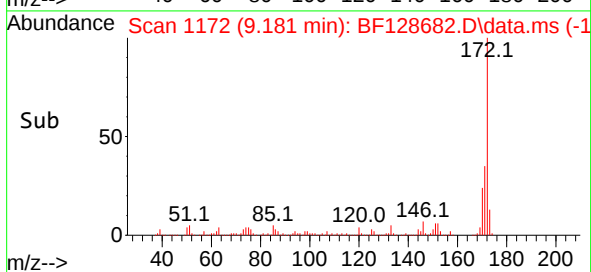
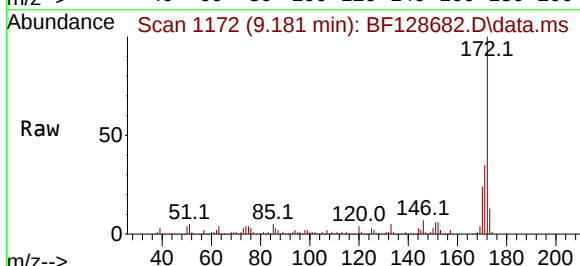
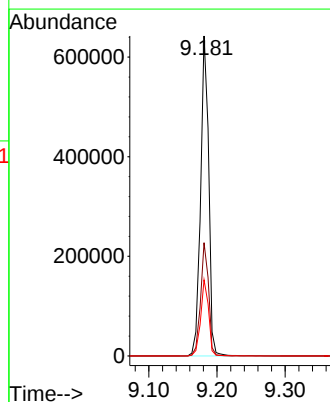
Tgt Ion:172 Resp: 527419

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 19.8 29.8

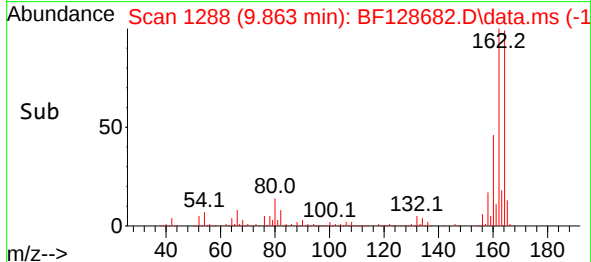
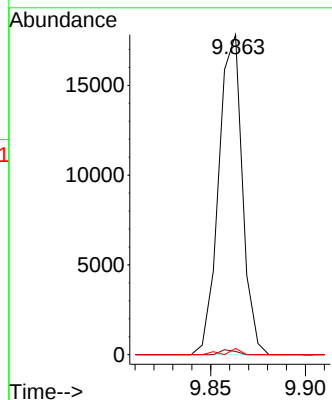
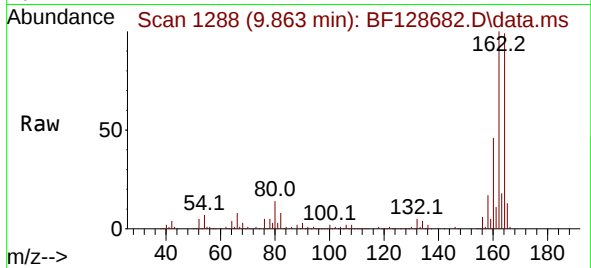




#51
2,6-Dinitrotoluene
Concen: 9.580 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

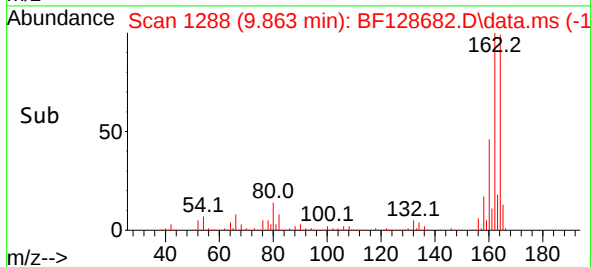
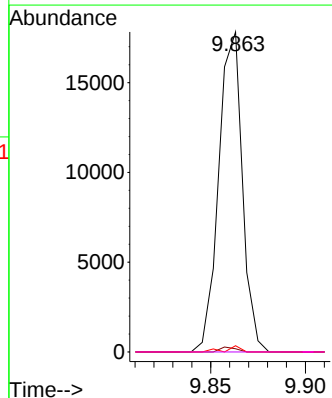
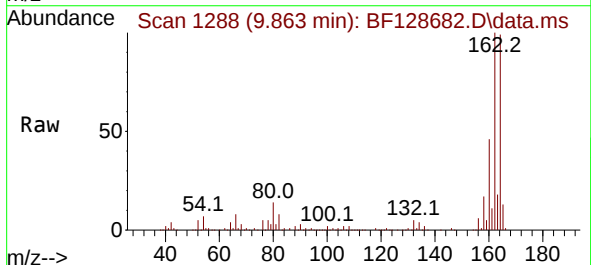
Instrument :
BNA_F
ClientSampleId :
HELENS-0602

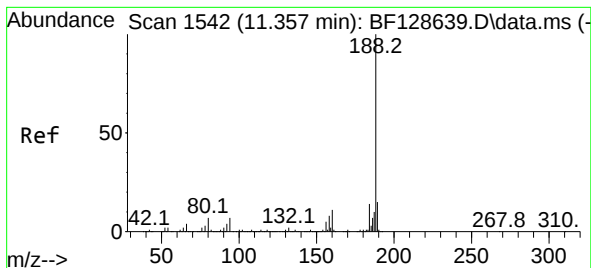
Tgt Ion:165 Resp: 15506
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.179 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

Tgt Ion:165 Resp: 15506
Ion Ratio Lower Upper
165 100
63 1.0 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: BF128682.D

Acq: 03 Jun 2022 16:39

Instrument :

BNA_F

ClientSampleId :

HELENS-0602

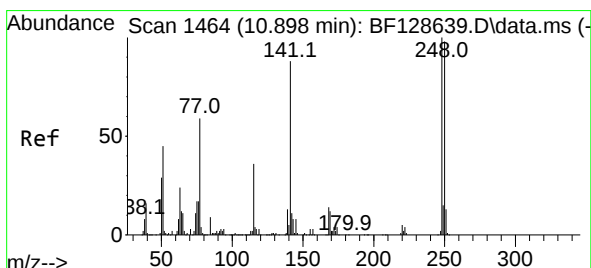
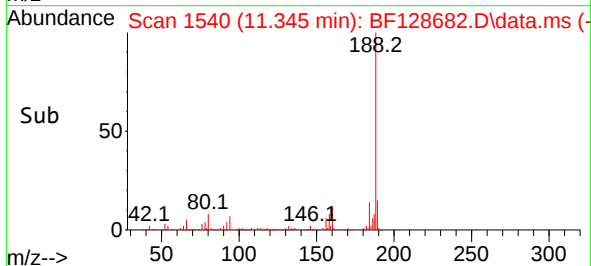
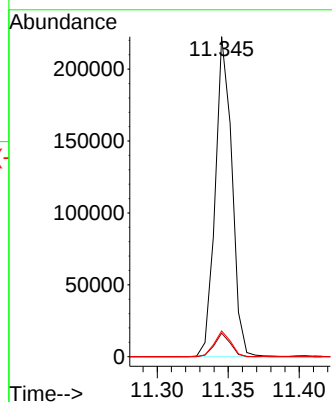
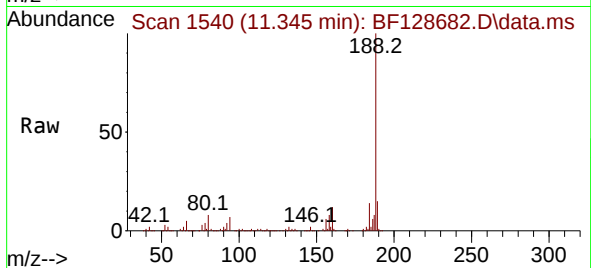
Tgt Ion:188 Resp: 181434

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

80 8.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.149 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.247 min

Lab File: BF128682.D

Acq: 03 Jun 2022 16:39

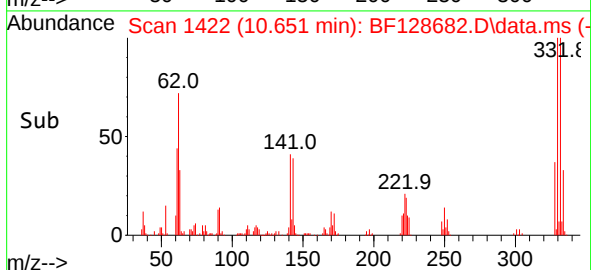
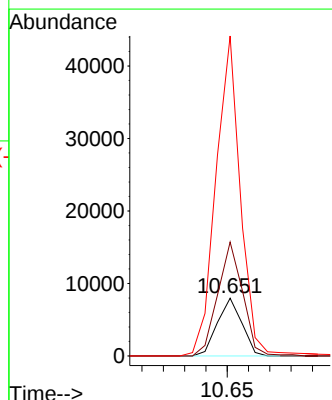
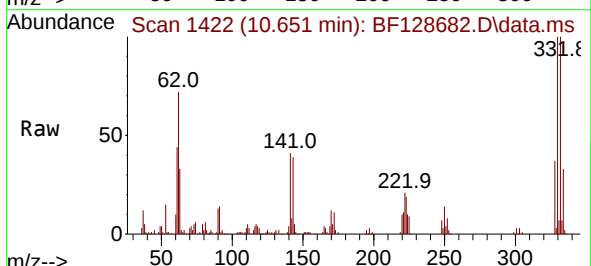
Tgt Ion:248 Resp: 6372

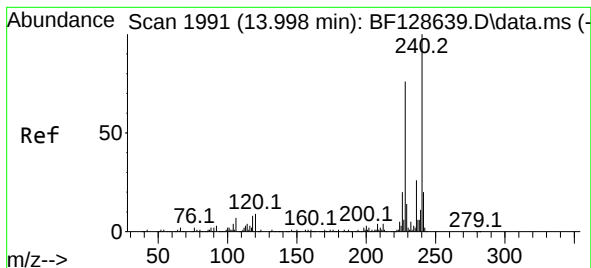
Ion Ratio Lower Upper

248 100

250 197.3 80.6 120.8#

141 554.1 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128682.D

Acq: 03 Jun 2022 16:39

Instrument :

BNA_F

ClientSampleId :

HELENS-0602

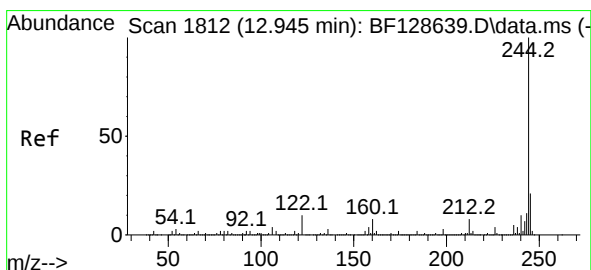
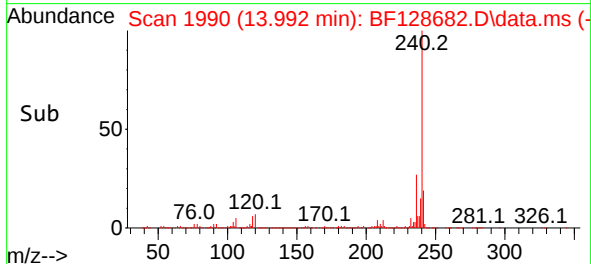
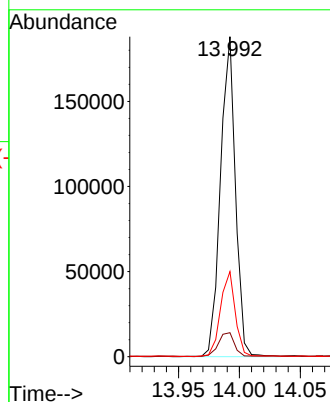
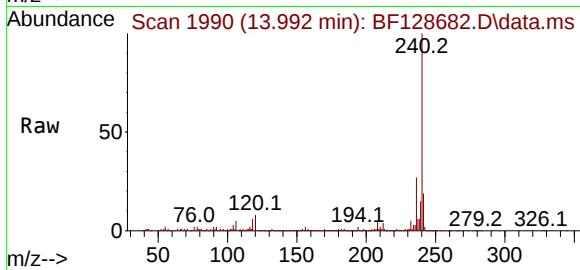
Tgt Ion:240 Resp: 161588

Ion Ratio Lower Upper

240 100

120 7.5 8.9 13.3#

236 26.6 20.8 31.2



#79

Terphenyl-d14

Concen: 47.916 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF128682.D

Acq: 03 Jun 2022 16:39

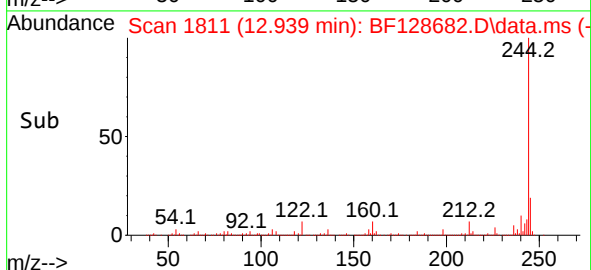
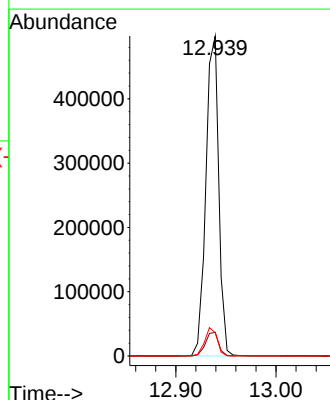
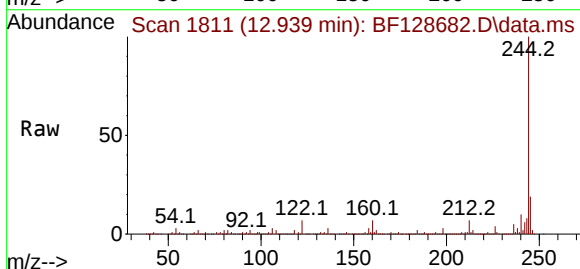
Tgt Ion:244 Resp: 445582

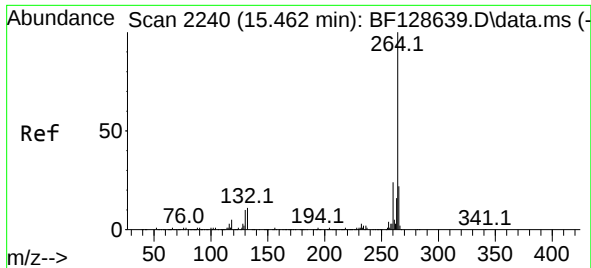
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 7.3 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF128682.D
Acq: 03 Jun 2022 16:39

Instrument :
BNA_F
ClientSampleId :
HELENS-0602

Tgt Ion:264 Resp: 139818

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.4	17.2	25.8

