

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128675.D
 Acq On : 03 Jun 2022 12:46
 Operator : CG\JU
 Sample : N3025-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-BOT

Quant Time: Jun 03 23:41:16 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

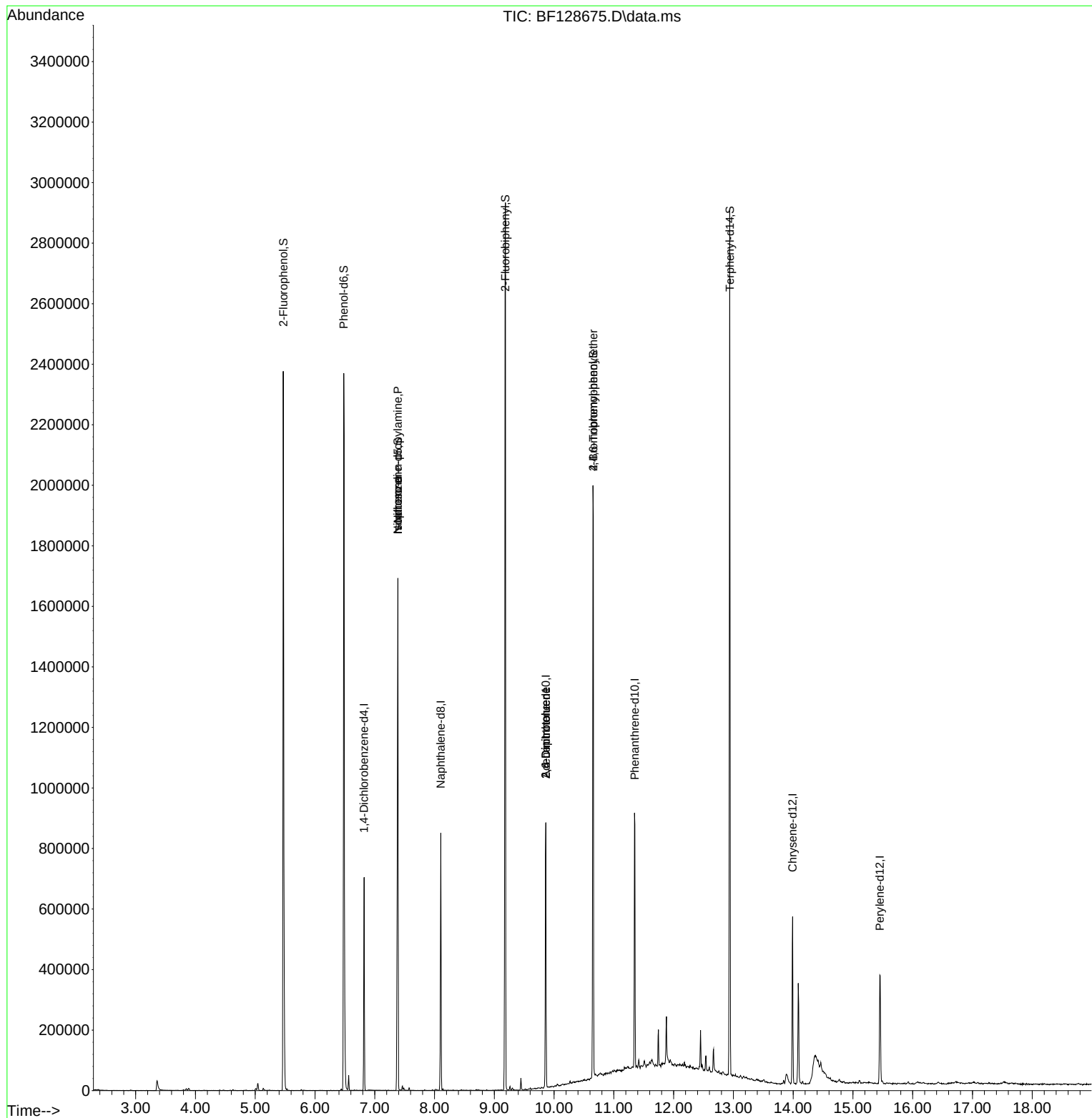
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	82076	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	311781	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	174013	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	309078	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	183754	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	164438	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	556979	108.092	ng	0.00
7) Phenol-d6	6.481	99	709337	112.774	ng	-0.02
23) Nitrobenzene-d5	7.386	82	515660	77.004	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	220834	107.407	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	931766	75.007	ng	0.00
79) Terphenyl-d14	12.939	244	859053	81.235	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	73421	18.774	ng	# 82
25) Isophorone	7.386	82	514091	50.547	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	23199	9.868	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	23199	7.395	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	15170	4.401	ng	# 1

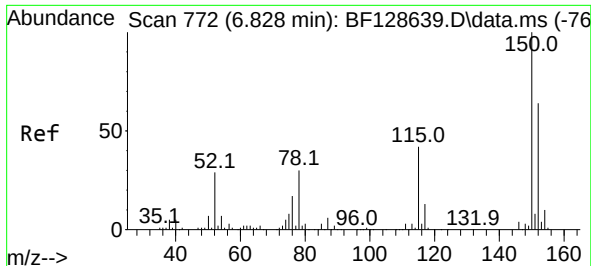
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

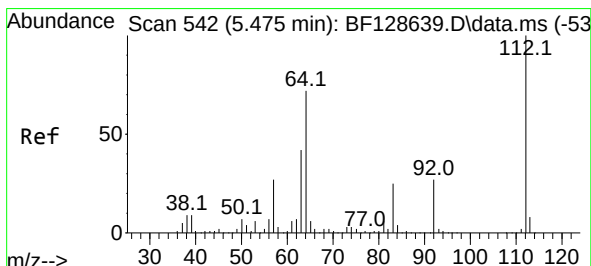
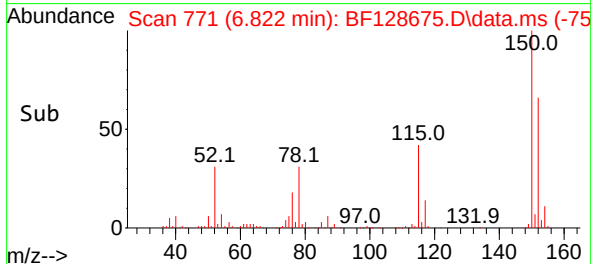
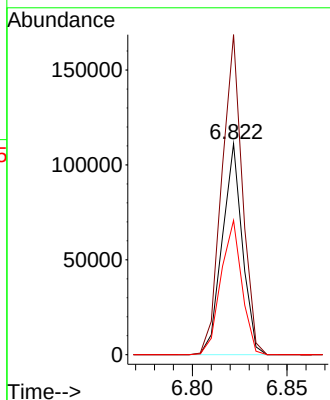
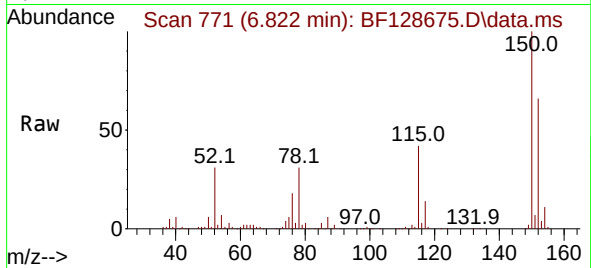




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

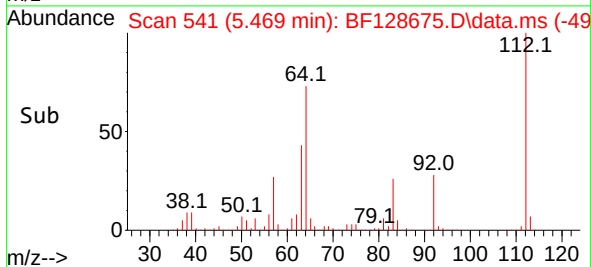
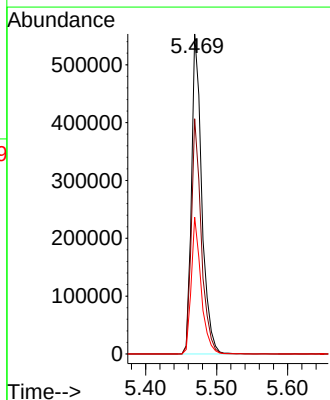
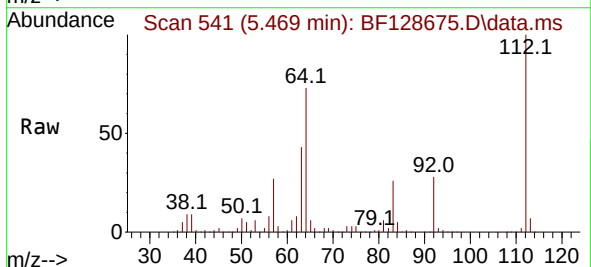
Instrument :
BNA_F
ClientSampleId :
UST-BOT

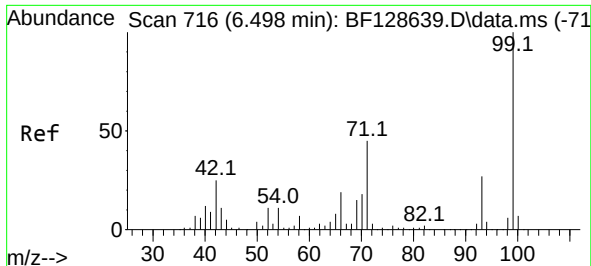
Tgt Ion:152 Resp: 82076
Ion Ratio Lower Upper
152 100
150 151.7 123.7 185.5
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 108.092 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

Tgt Ion:112 Resp: 556979
Ion Ratio Lower Upper
112 100
64 73.5 53.3 79.9
63 42.8 28.0 42.0#

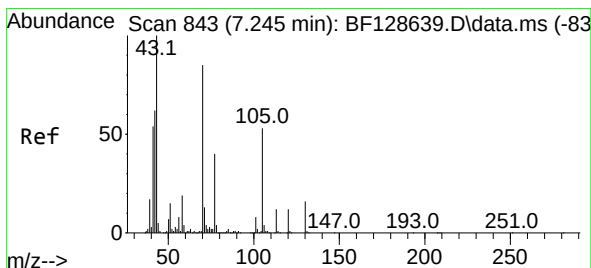
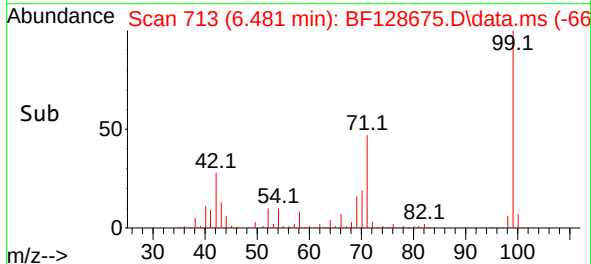
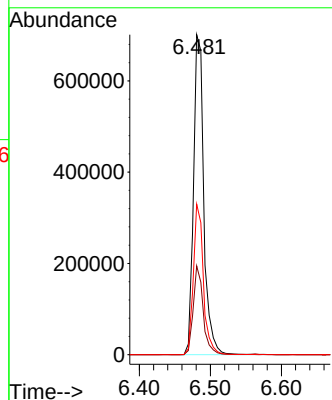
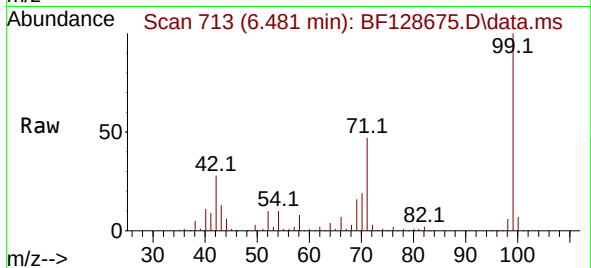




#7
Phenol-d6
Concen: 112.774 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.017 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

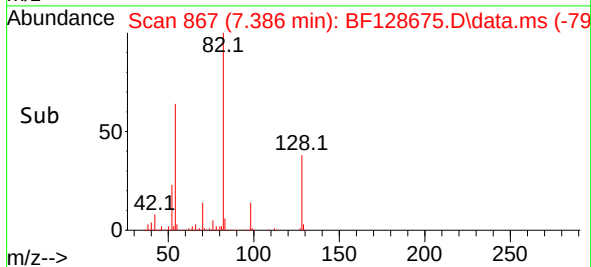
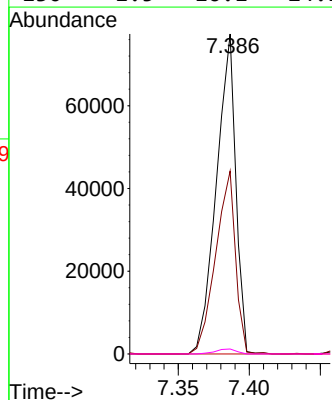
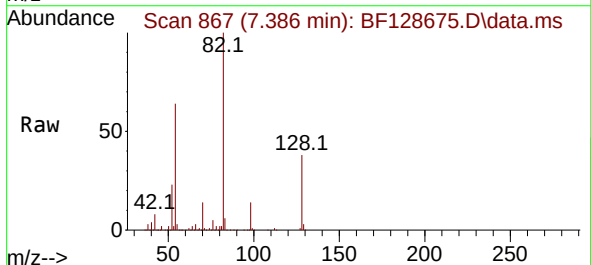
Instrument :
BNA_F
ClientSampleId :
UST-BOT

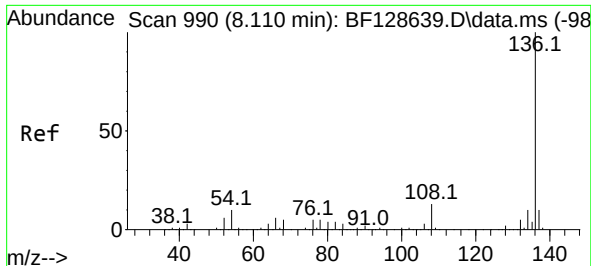
Tgt Ion: 99 Resp: 709337
Ion Ratio Lower Upper
99 100
42 27.8 17.3 25.9#
71 47.1 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.774 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

Tgt Ion: 70 Resp: 73421
Ion Ratio Lower Upper
70 100
42 57.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#

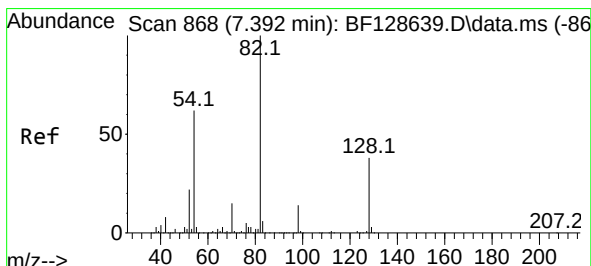
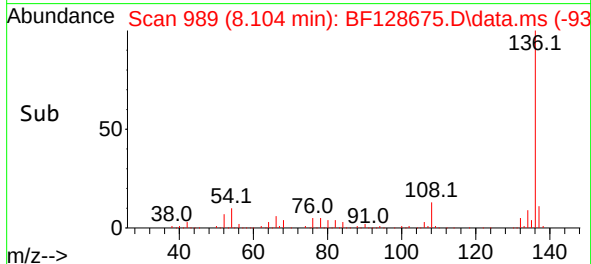
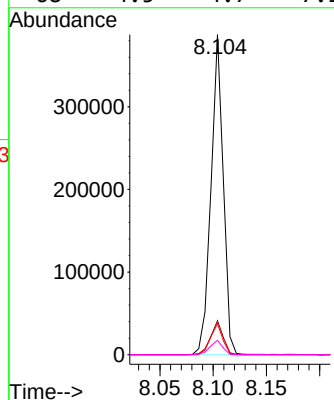
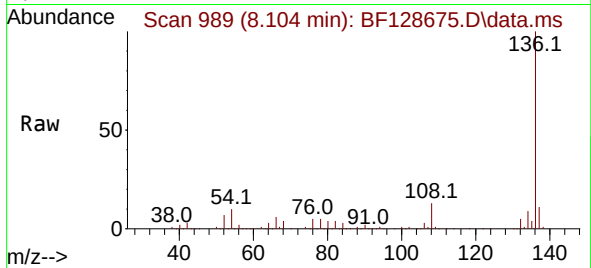




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

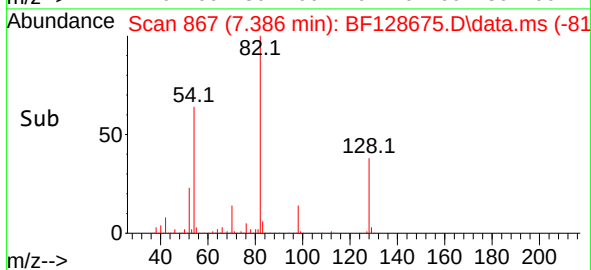
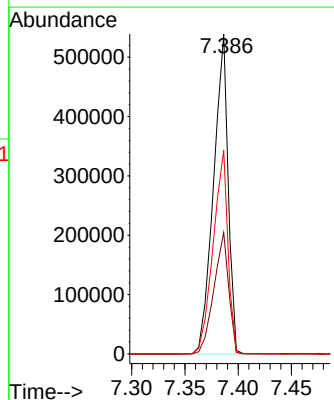
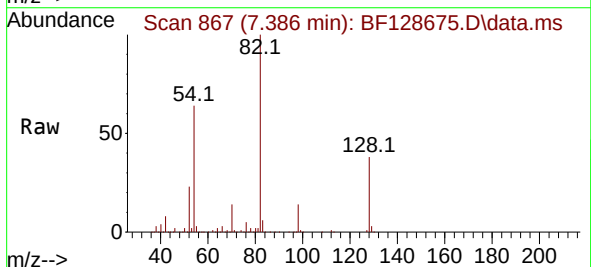
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BNA_F
ClientSampleId :
UST-BOT

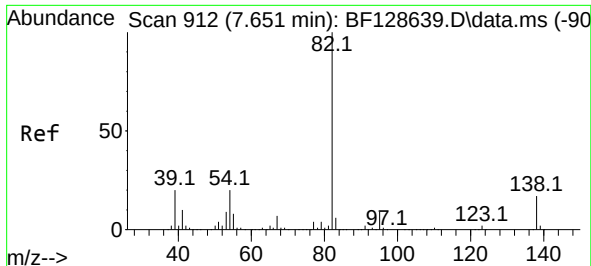
Tgt Ion:136 Resp: 311781
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.7 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 77.004 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

Tgt Ion: 82 Resp: 515660
Ion Ratio Lower Upper
82 100
128 38.0 34.0 51.0
54 63.7 46.9 70.3

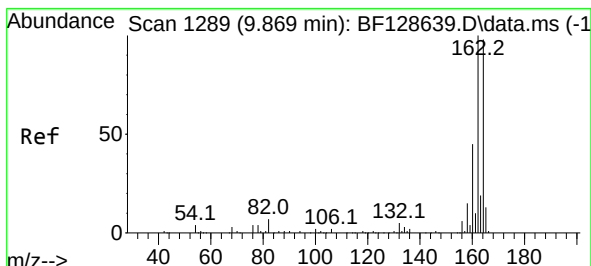
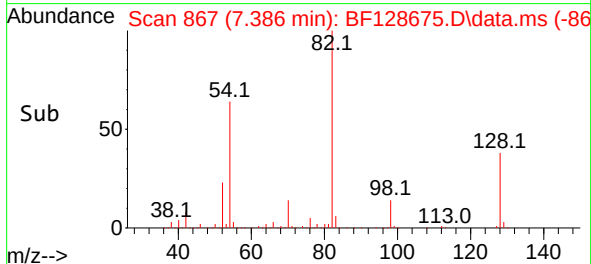
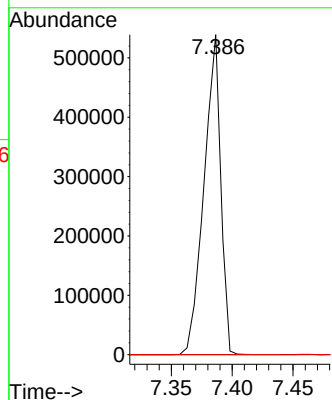
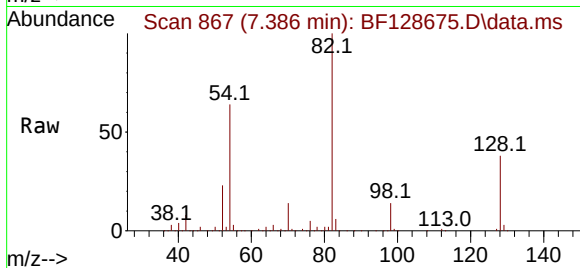




#25
Isophorone
Concen: 50.547 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

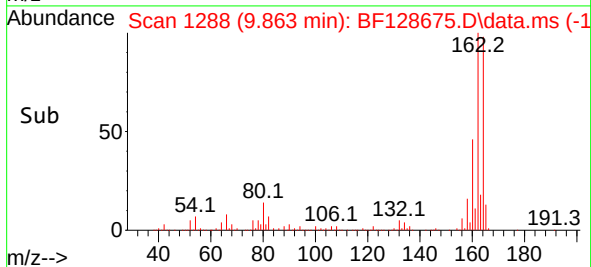
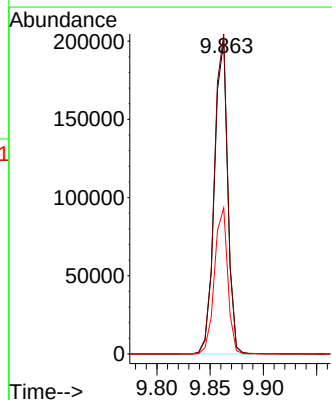
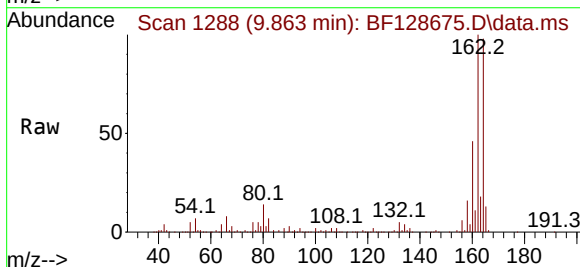
Instrument :
BNA_F
ClientSampleId :
UST-BOT

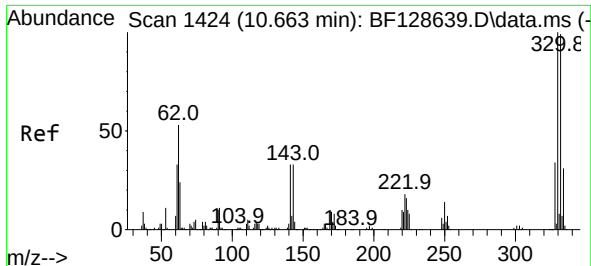
Tgt Ion: 82 Resp: 514091
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

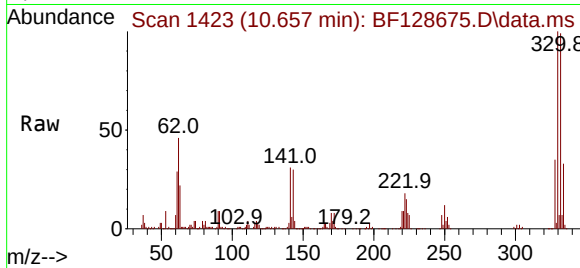
Tgt Ion:164 Resp: 174013
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 46.6 34.2 51.4



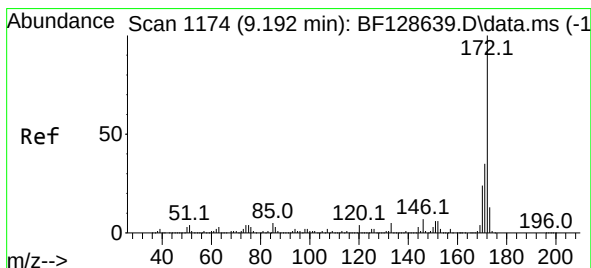
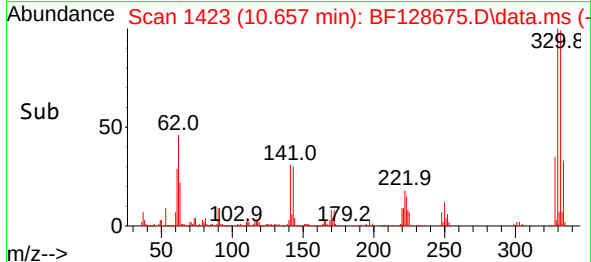
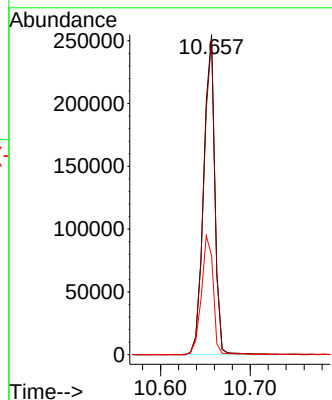


#42
2,4,6-Tribromophenol
Concen: 107.407 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

Instrument :
BNA_F
ClientSampleId :
UST-BOT

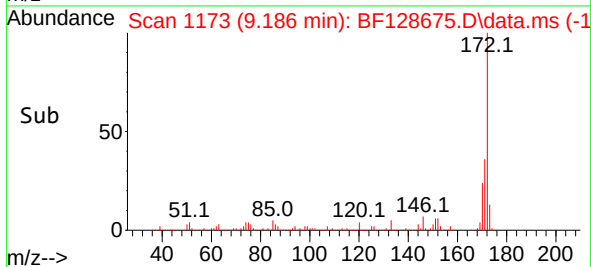
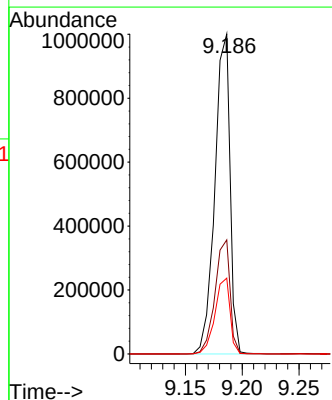
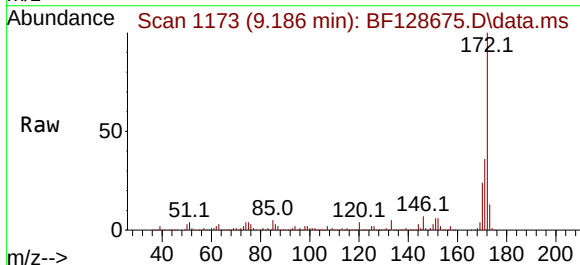


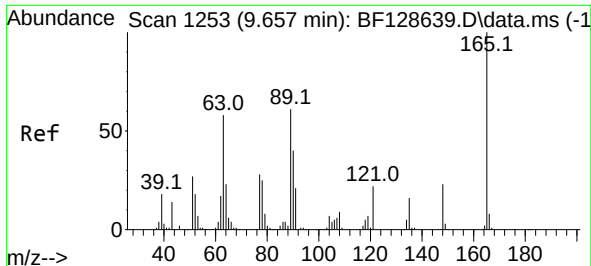
Tgt Ion:330 Resp: 220834
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 39.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 75.007 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

Tgt Ion:172 Resp: 931766
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.868 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128675.D

Acq: 03 Jun 2022 12:46

Instrument :

BNA_F

ClientSampleId :

UST-BOT

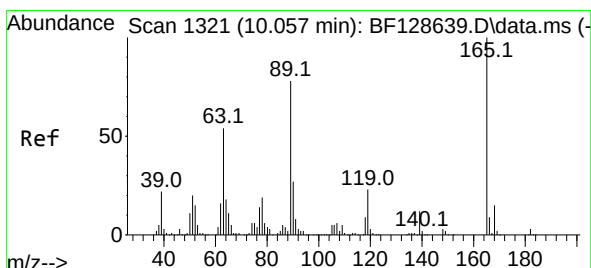
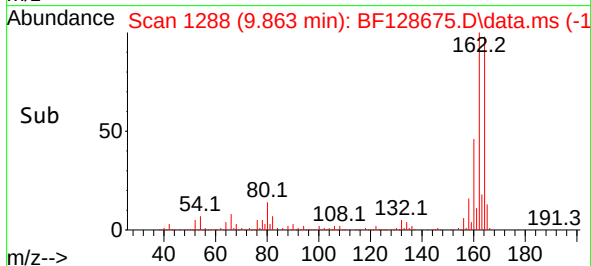
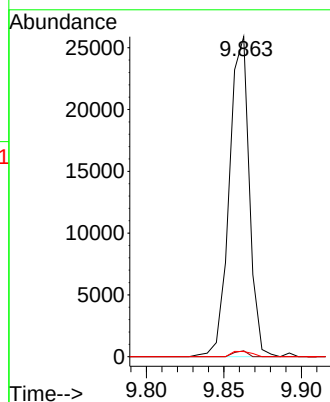
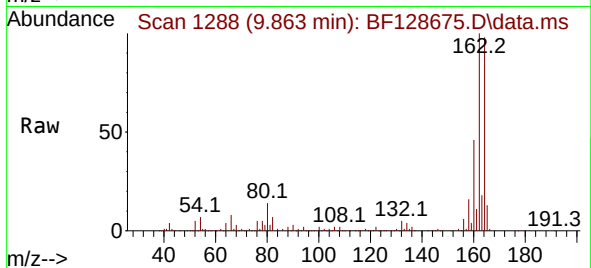
Tgt Ion:165 Resp: 23199

Ion Ratio Lower Upper

165 100

63 1.9 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.395 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128675.D

Acq: 03 Jun 2022 12:46

Tgt Ion:165 Resp: 23199

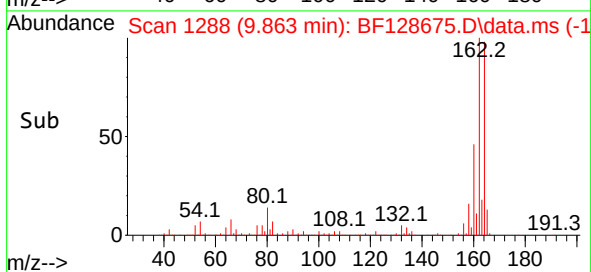
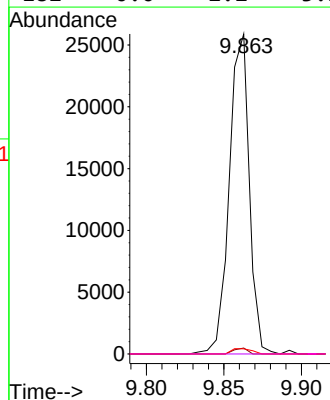
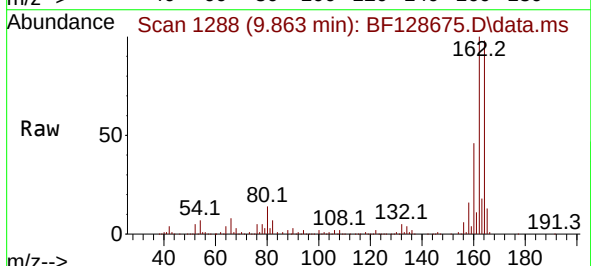
Ion Ratio Lower Upper

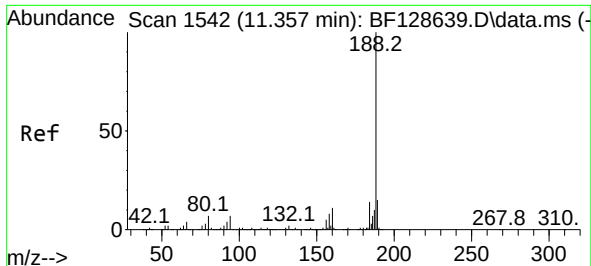
165 100

63 1.9 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#

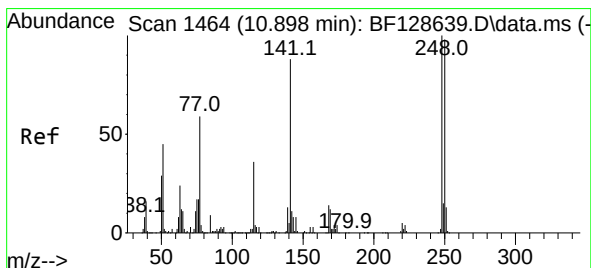
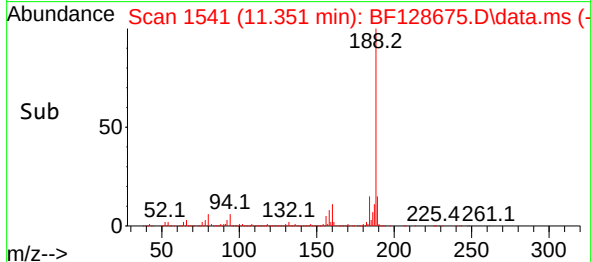
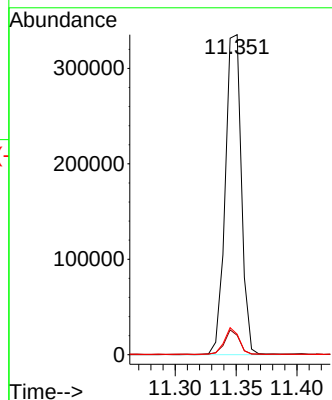
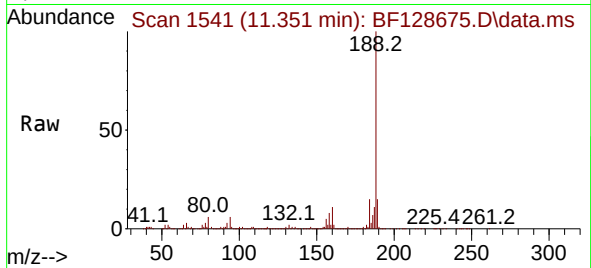




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

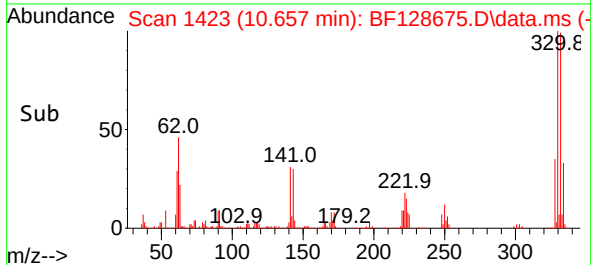
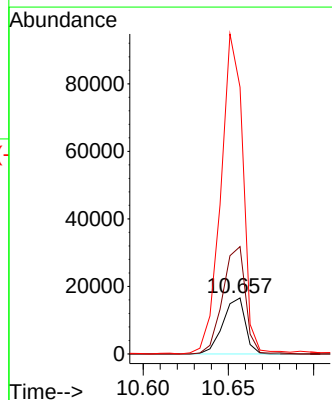
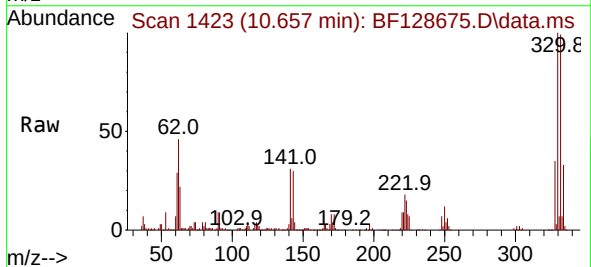
Instrument :
BNA_F
ClientSampleId :
UST-BOT

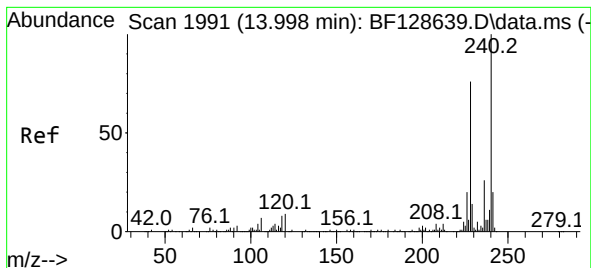
Tgt Ion:188 Resp: 309078
Ion Ratio Lower Upper
188 100
94 6.0 7.0 10.6#
80 6.4 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.401 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

Tgt Ion:248 Resp: 15170
Ion Ratio Lower Upper
248 100
250 191.5 80.6 120.8#
141 476.1 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BF128675.D

Acq: 03 Jun 2022 12:46

Instrument :

BNA_F

ClientSampleId :

UST-BOT

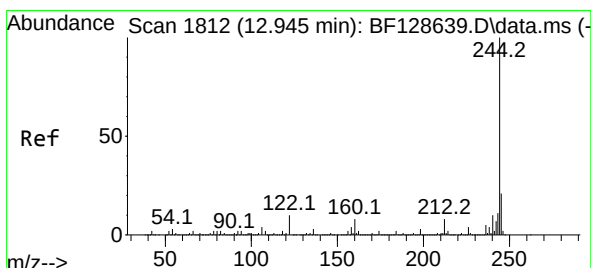
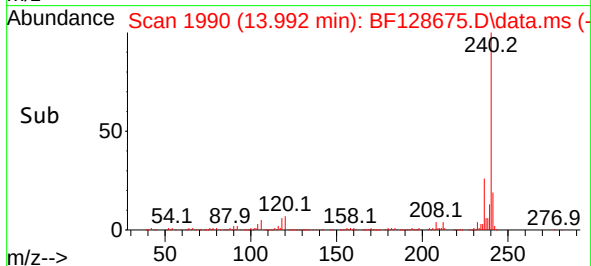
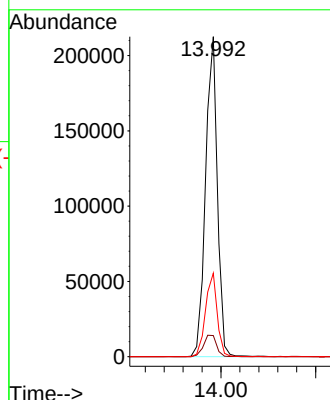
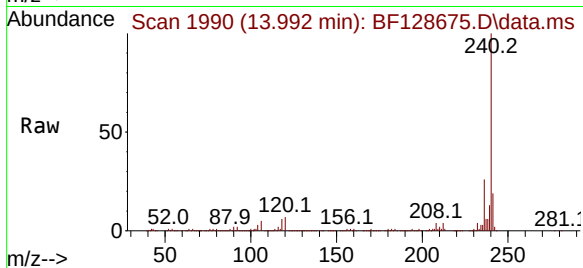
Tgt Ion:240 Resp: 183754

Ion Ratio Lower Upper

240 100

120 6.6 8.9 13.3#

236 26.1 20.8 31.2



#79

Terphenyl-d14

Concen: 81.235 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF128675.D

Acq: 03 Jun 2022 12:46

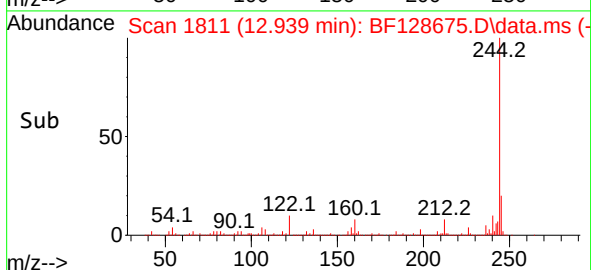
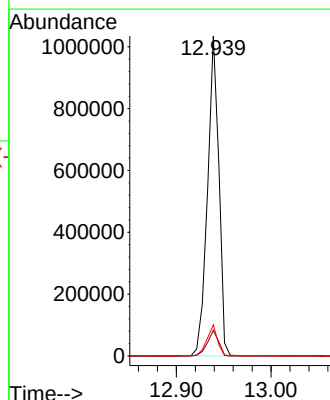
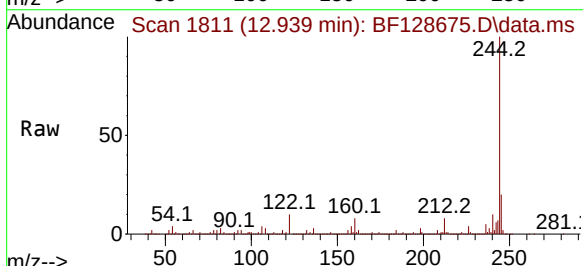
Tgt Ion:244 Resp: 859053

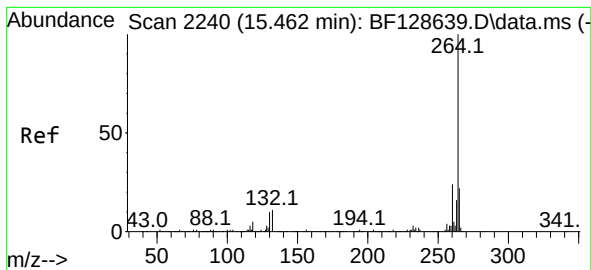
Ion Ratio Lower Upper

244 100

212 8.0 6.1 9.1

122 9.7 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF128675.D
Acq: 03 Jun 2022 12:46

Instrument :
BNA_F
ClientSampleId :
UST-BOT

Tgt Ion:264 Resp: 164438

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	21.4	17.2	25.8

