

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123280.D
 Acq On : 23 Feb 2021 14:37
 Operator : JU/CG
 Sample : PB134764TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134764TB

Quant Time: Feb 23 15:14:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

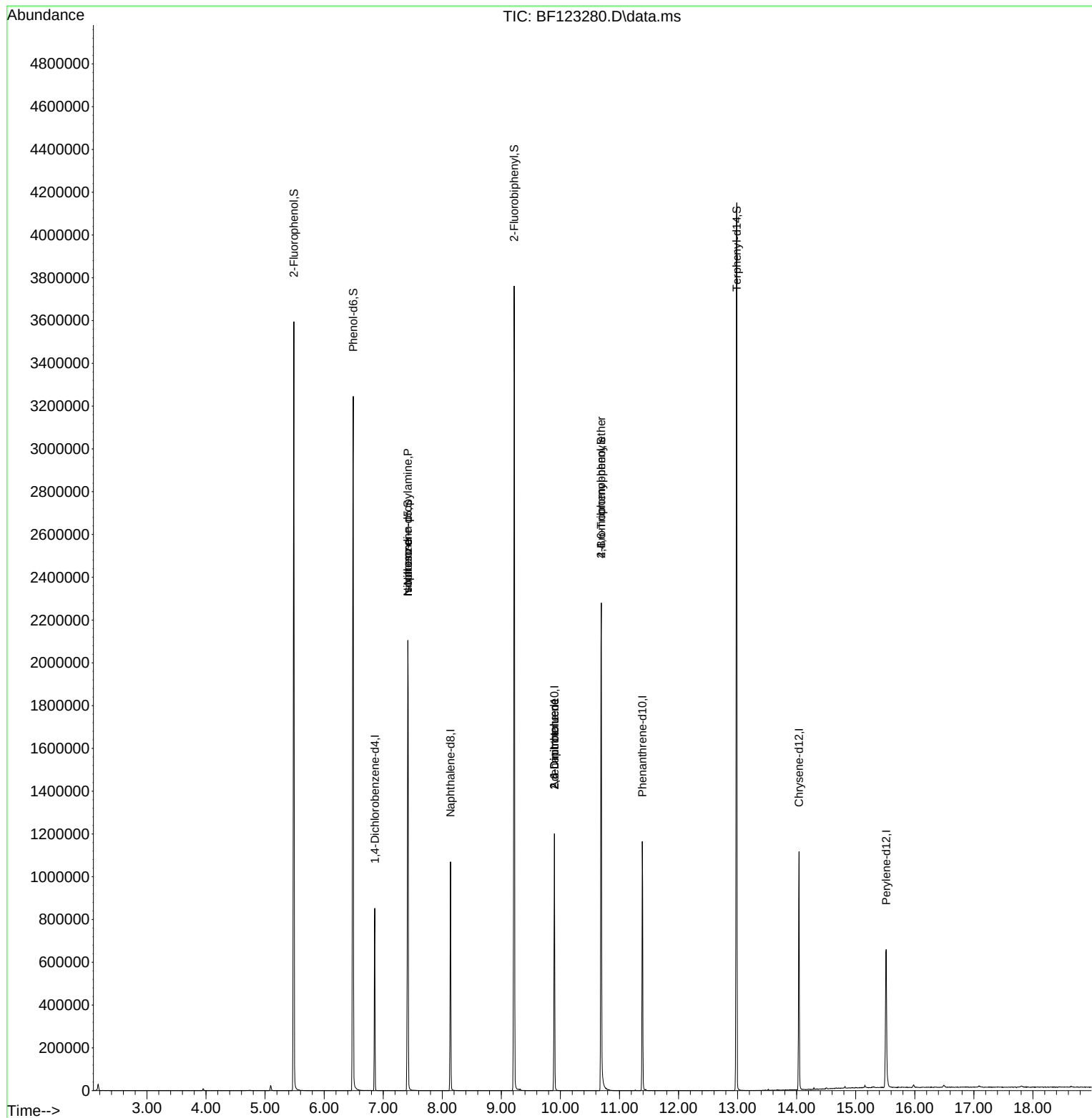
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	112647	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	447827	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	228395	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	425583	20.00	ng	0.00
76) Chrysene-d12	14.039	240	356658	20.00	ng	0.00
86) Perylene-d12	15.515	264	332363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	927032	118.46	ng	0.01
7) Phenol-d6	6.493	99	1173673	110.39	ng	0.00
23) Nitrobenzene-d5	7.416	82	780456	79.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	262098	112.70	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1232965	77.54	ng	0.00
79) Terphenyl-d14	12.986	244	1367944	73.75	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.493	77	1934	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	107326	16.97	ng	# 80
25) Isophorone	7.416	82	774802	42.35	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	28993	7.37	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	28993	5.48	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	19069	4.11	ng	# 1

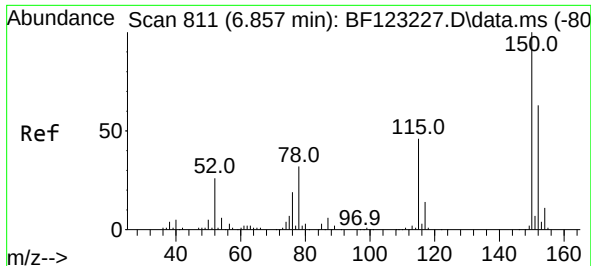
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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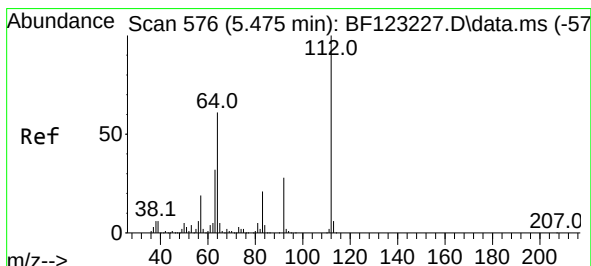
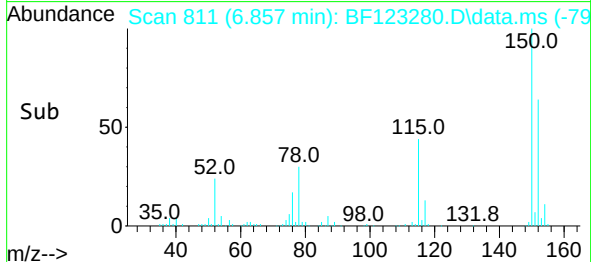
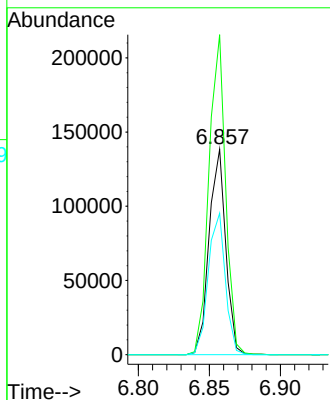
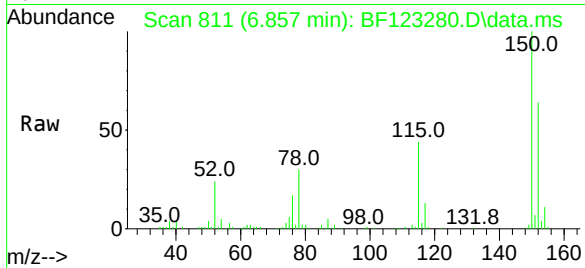




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF123280.D
 Acq: 23 Feb 2021 14:37

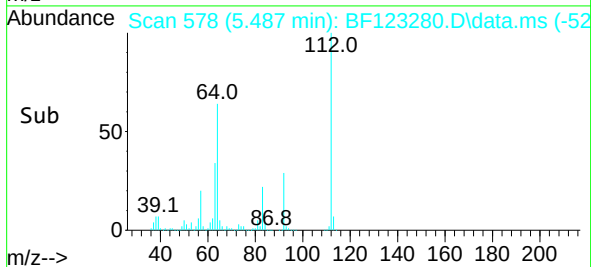
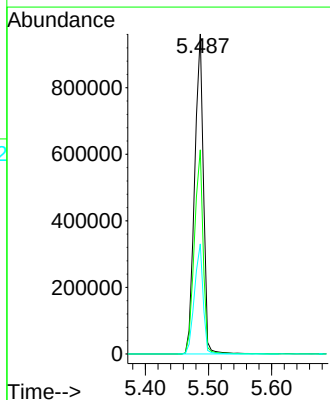
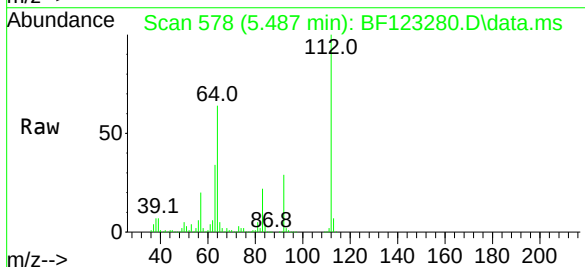
Instrument :
 BNA_F
 ClientSampleId :
 PB134764TB

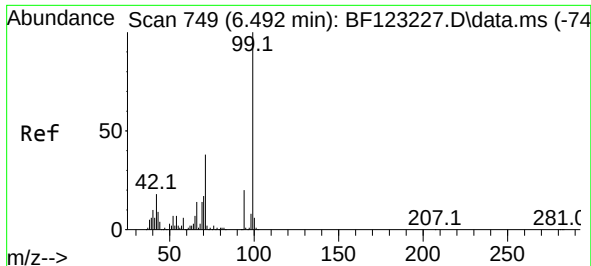
Tgt Ion:152 Resp: 112647
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.8 188.6
 115 68.8 49.3 73.9



#5
 2-Fluorophenol
 Concen: 118.46 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.012 min
 Lab File: BF123280.D
 Acq: 23 Feb 2021 14:37

Tgt Ion:112 Resp: 927032
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.9 70.3
 63 34.4 24.5 36.7



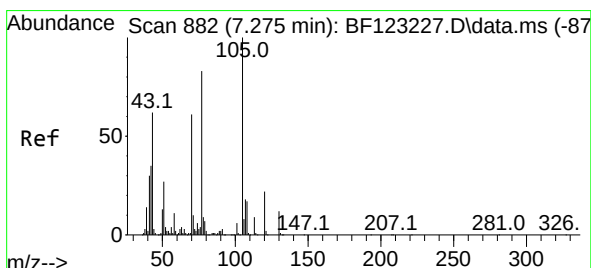
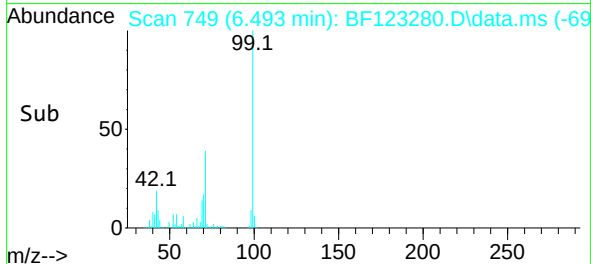
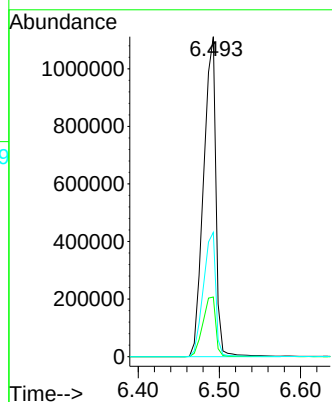
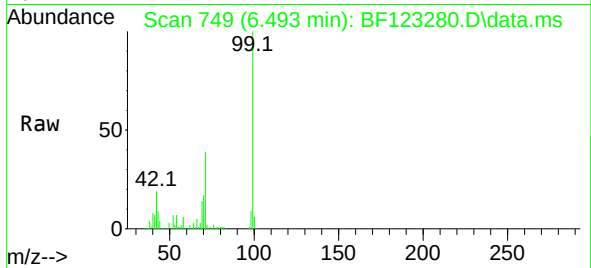


#7
Phenol-d6
Concen: 110.39 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

Instrument :
BNA_F
ClientSampleId :
PB134764TB

Tgt Ion: 99 Resp: 1173673

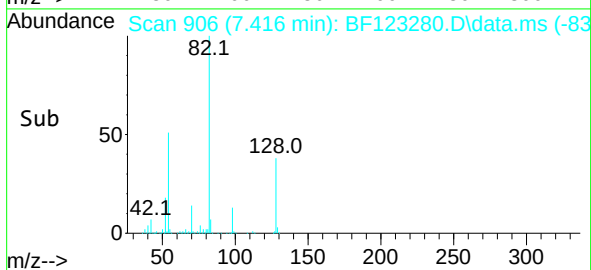
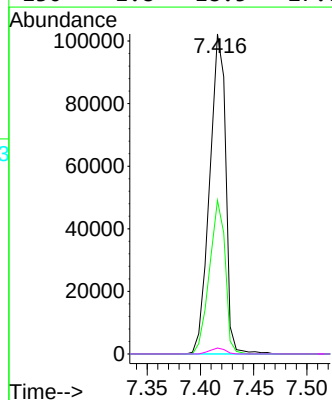
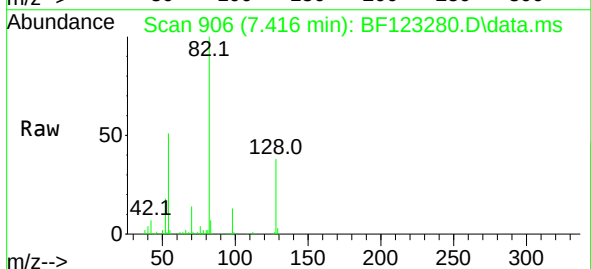
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.8	20.6
71	38.8	26.9	40.3

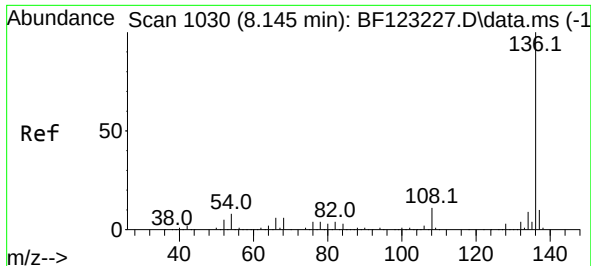


#19
n-Nitroso-di-n-propylamine
Concen: 16.97 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

Tgt Ion: 70 Resp: 107326

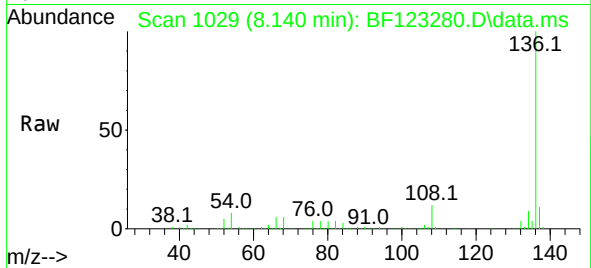
Ion	Ratio	Lower	Upper
70	100		
42	48.0	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#



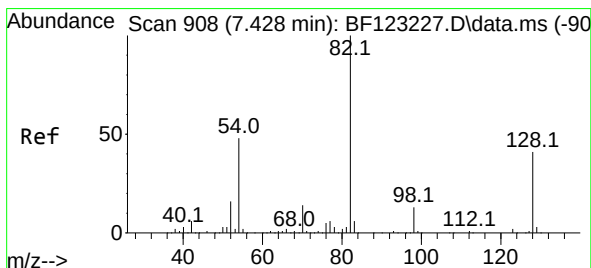
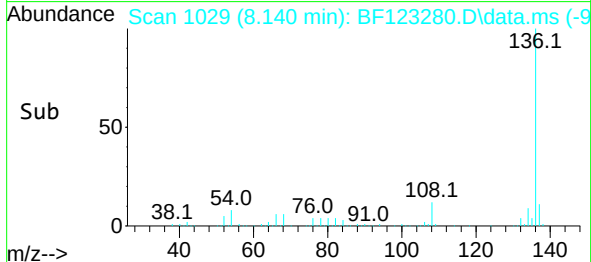
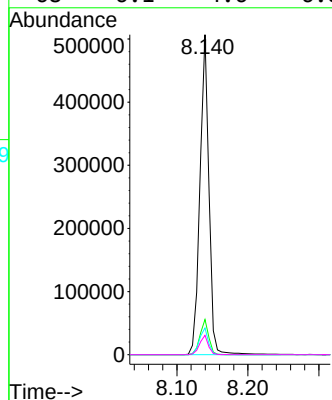


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

Instrument :
BNA_F
ClientSampleId :
PB134764TB

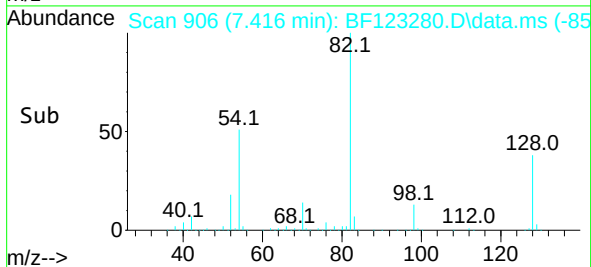
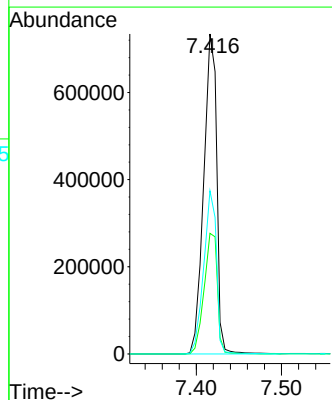
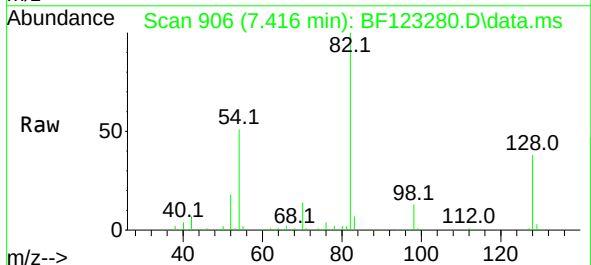


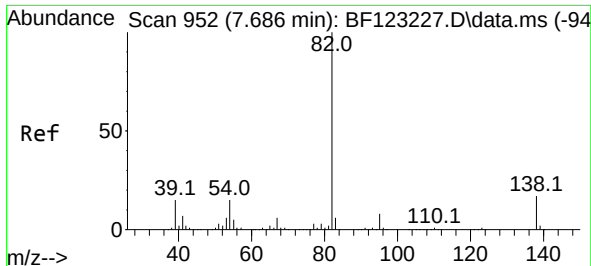
Tgt Ion:136 Resp: 447827
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.4 5.5 8.3#
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 79.78 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

Tgt Ion: 82 Resp: 780456
Ion Ratio Lower Upper
82 100
128 37.7 37.0 55.4
54 51.0 38.4 57.6

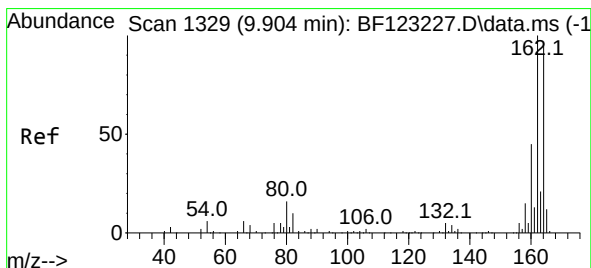
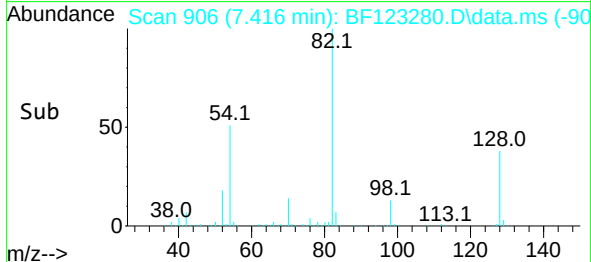
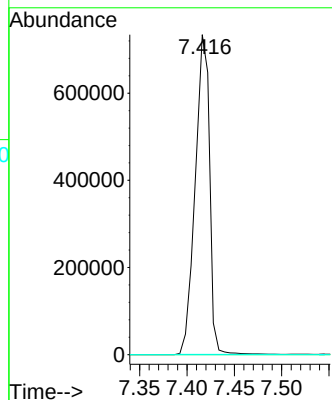
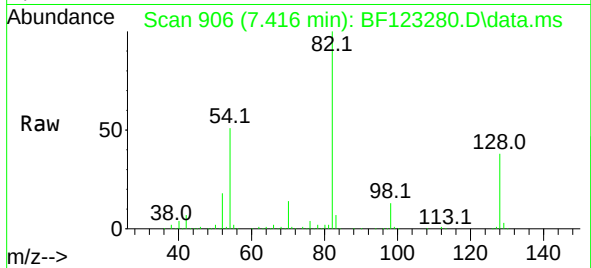




#25
Isophorone
Concen: 42.35 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.270 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

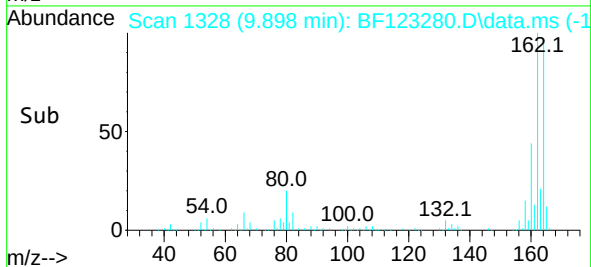
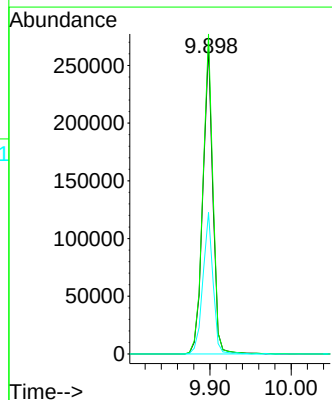
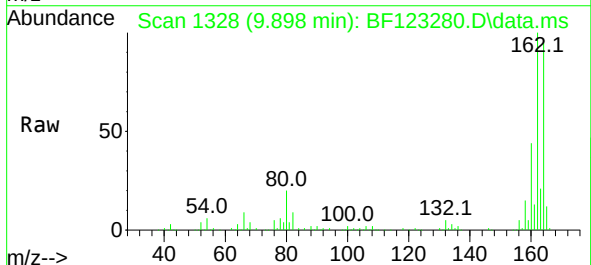
Instrument :
BNA_F
ClientSampleId :
PB134764TB

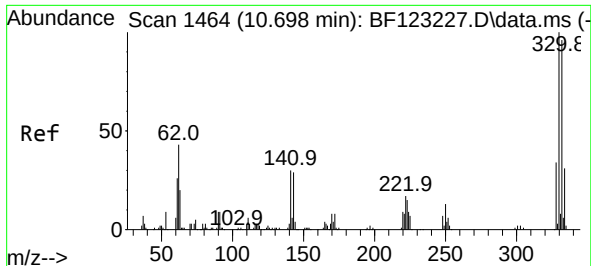
Tgt Ion: 82 Resp: 774802
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

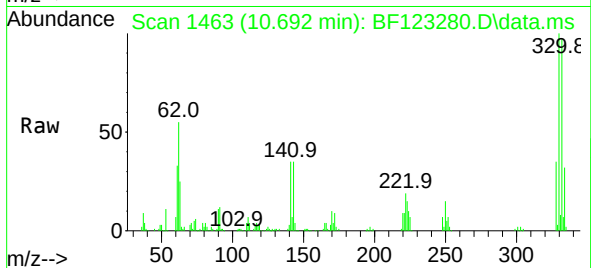
Tgt Ion: 164 Resp: 228395
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 45.9 35.4 53.0



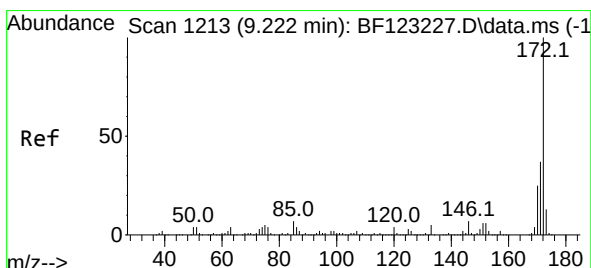
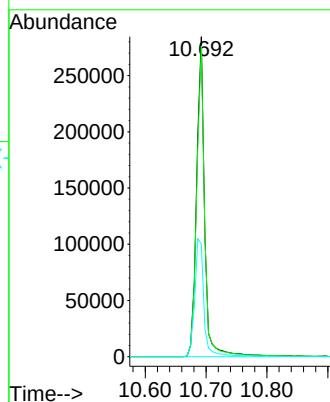
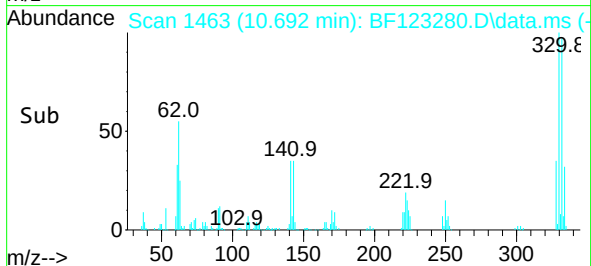


#42
2,4,6-Tribromophenol
Concen: 112.70 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

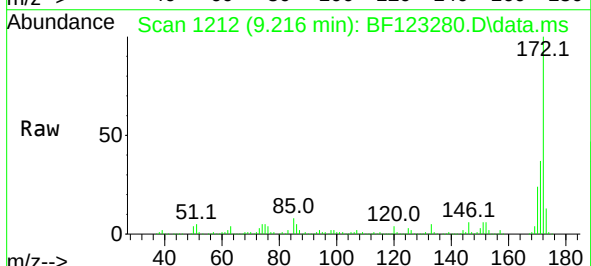
Instrument :
BNA_F
ClientSampleId :
PB134764TB



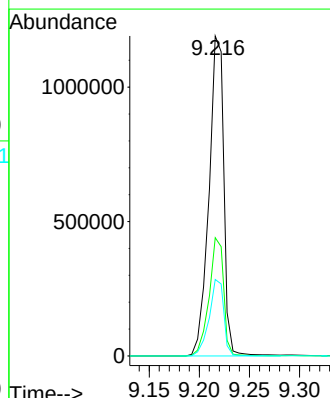
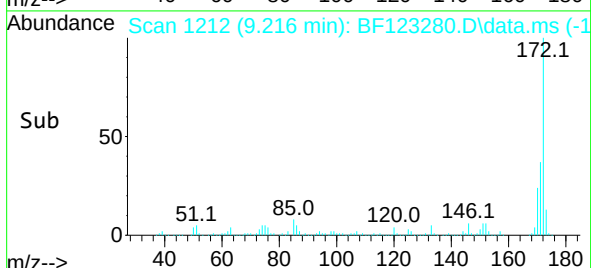
Tgt Ion:330 Resp: 262098
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 42.8 23.8 35.8#

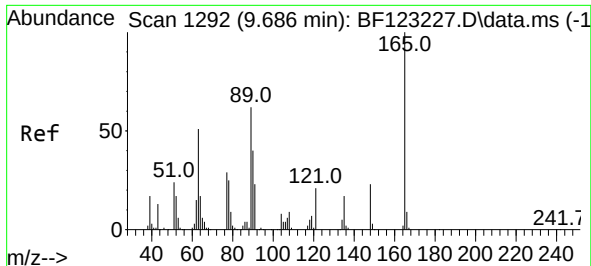


#45
2-Fluorobiphenyl
Concen: 77.54 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37



Tgt Ion:172 Resp: 1232965
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.9 19.5 29.3

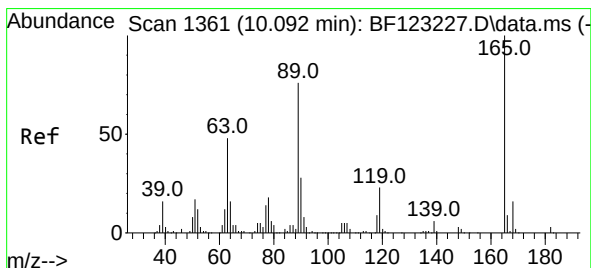
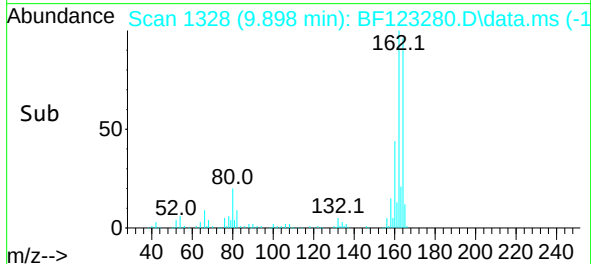
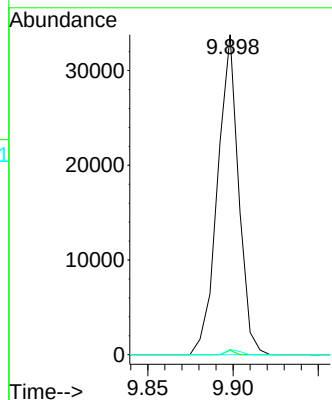
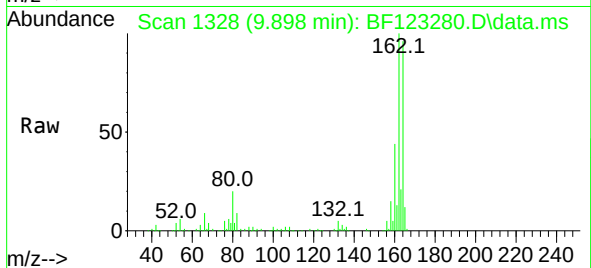




#51
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

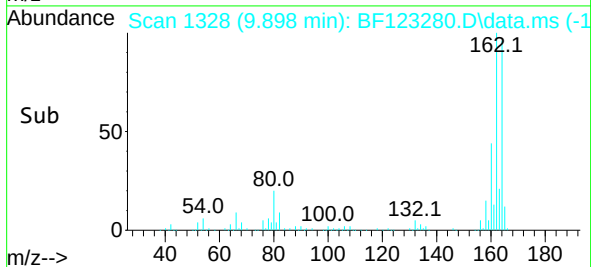
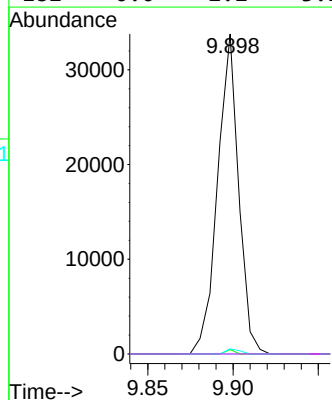
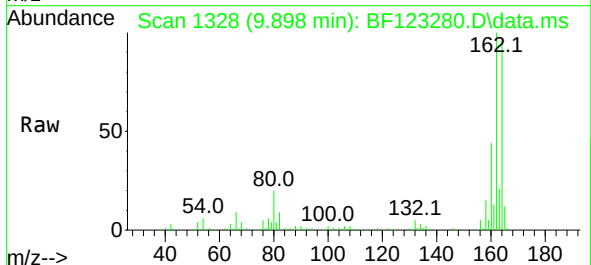
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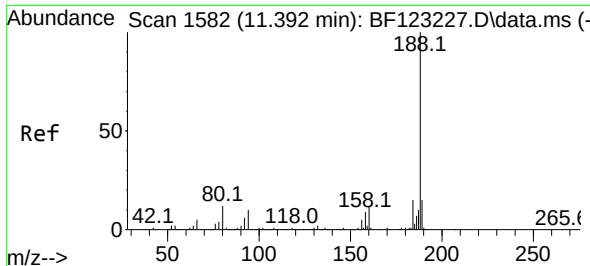
Tgt Ion:165 Resp: 28993
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

Tgt Ion:165 Resp: 28993
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

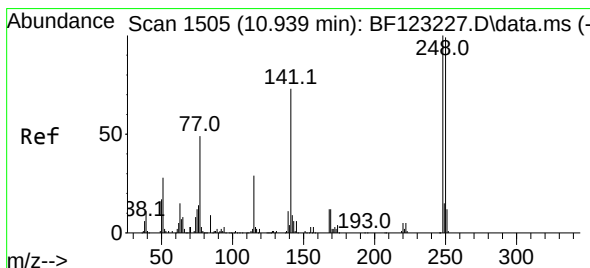
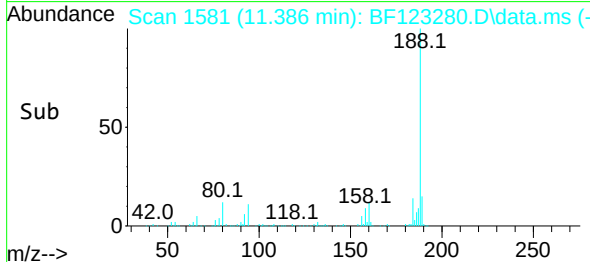
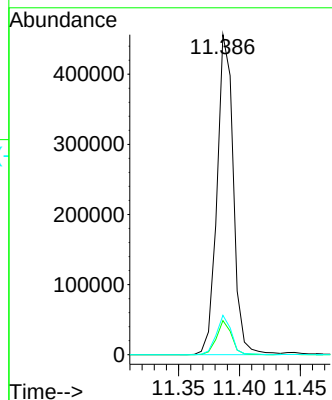
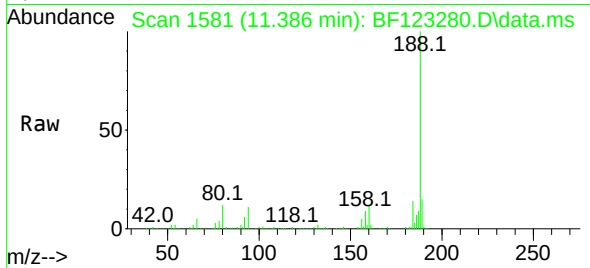




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

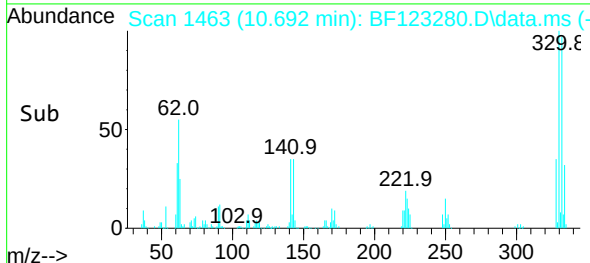
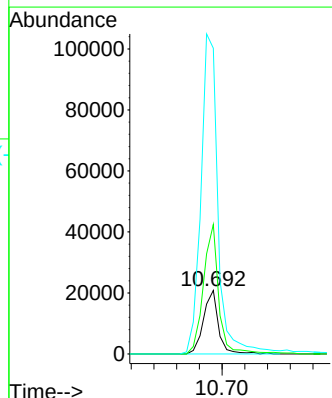
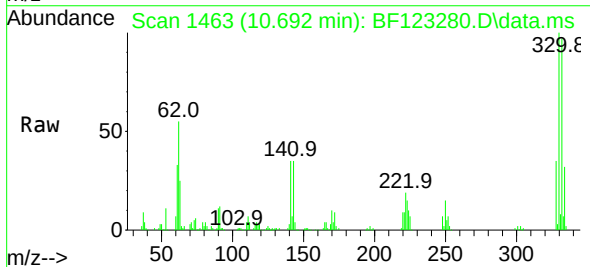
Instrument :
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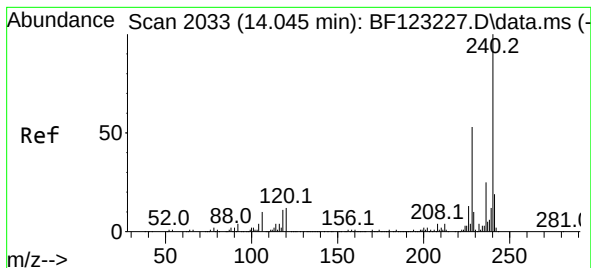
Tgt Ion:188 Resp: 425583
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123280.D
Acq: 23 Feb 2021 14:37

Tgt Ion:248 Resp: 19069
Ion Ratio Lower Upper
248 100
250 204.0 76.8 115.2#
141 481.5 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF123280.D

Acq: 23 Feb 2021 14:37

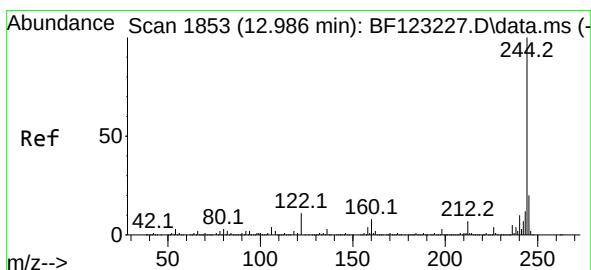
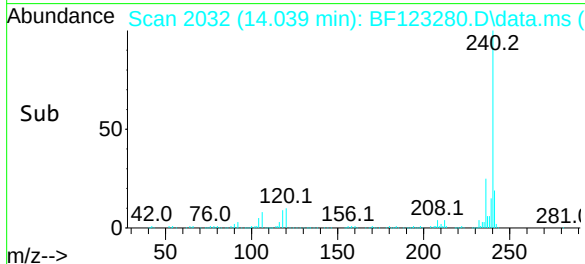
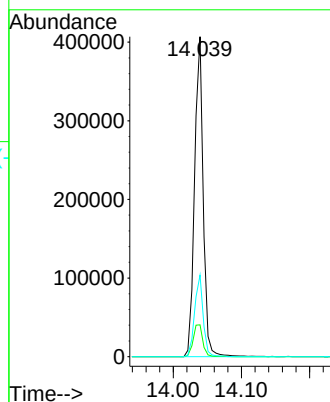
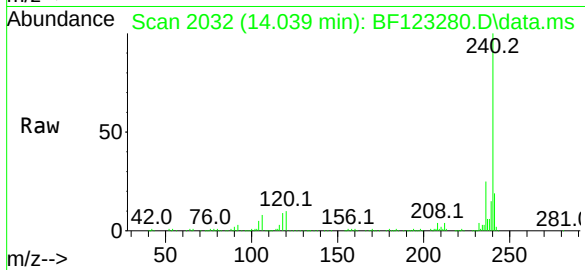
Tgt Ion:240 Resp: 356658

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.5 20.3 30.5



#79

Terphenyl-d14

Concen: 73.75 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF123280.D

Acq: 23 Feb 2021 14:37

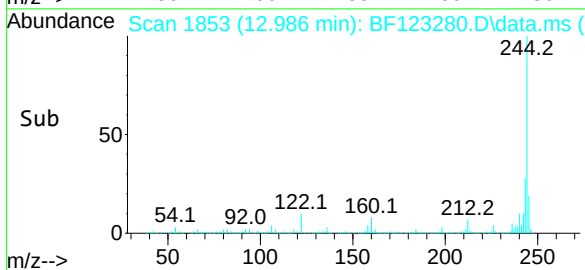
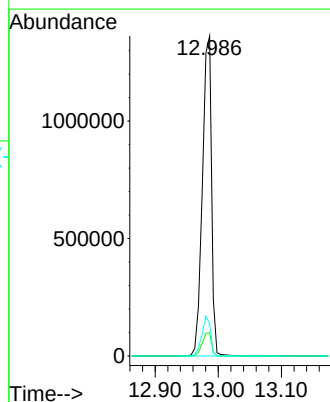
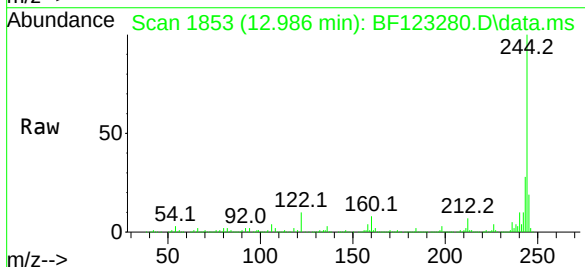
Tgt Ion:244 Resp: 1367944

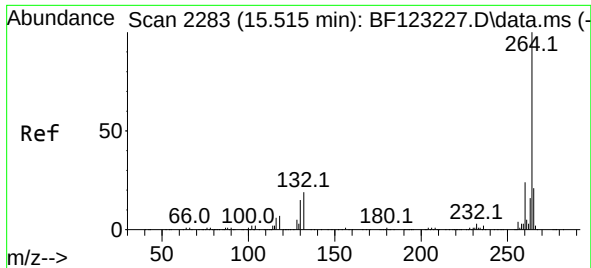
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 10.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF123280.D
 Acq: 23 Feb 2021 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB134764TB

Tgt Ion:264 Resp: 332363
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.3 17.0 25.6

