

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127737.D
 Acq On : 11 Apr 2022 14:30
 Operator : CG\JU
 Sample : N2335-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A350-CU

Quant Time: Apr 11 18:55:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

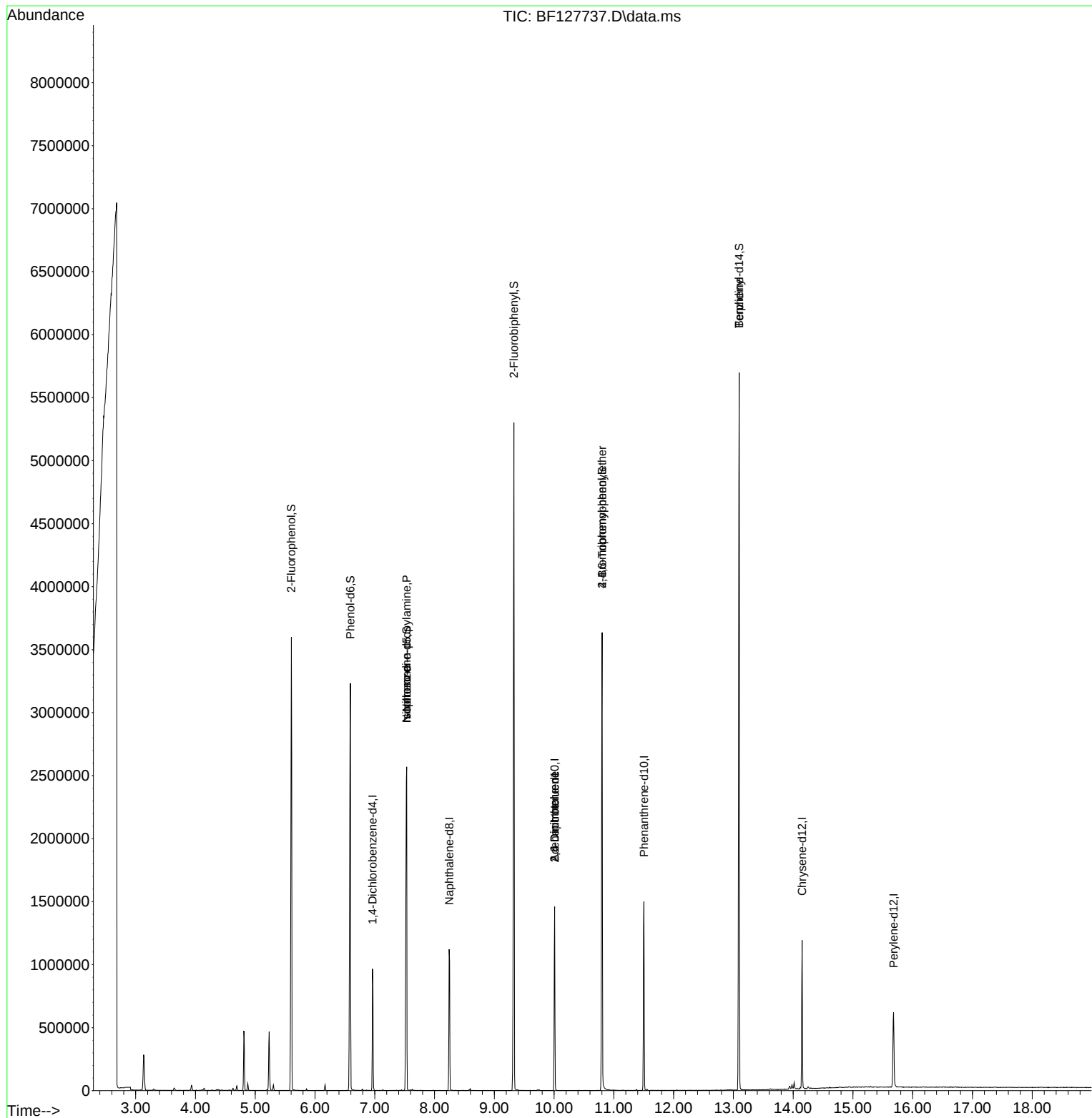
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	133976	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	496829	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	289586	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	544778	20.000	ng	0.00
76) Chrysene-d12	14.151	240	384445	20.000	ng	0.00
86) Perylene-d12	15.680	264	307024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1005375	121.935	ng	0.02
7) Phenol-d6	6.592	99	1198529	111.114	ng	0.01
23) Nitrobenzene-d5	7.534	82	989325	88.774	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	465772	151.145	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1725015	84.269	ng	0.00
79) Terphenyl-d14	13.098	244	2152378	92.412	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.592	77	2305	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.534	70	134771	19.318	ng	# 74
25) Isophorone	7.534	82	989315	50.875	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	36588	9.247	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	36588	7.459	ng	# 13
67) 4-Bromophenyl-phenylether	10.804	248	29722	4.495	ng	# 1
77) Benzydine	13.098	184	30744	3.064	ng	# 92

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

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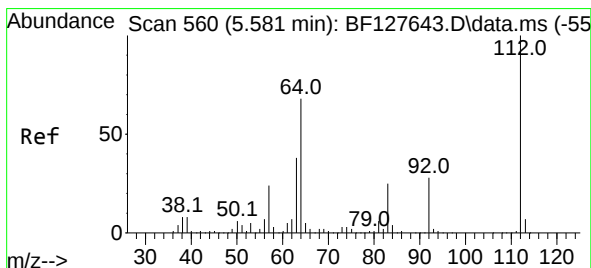
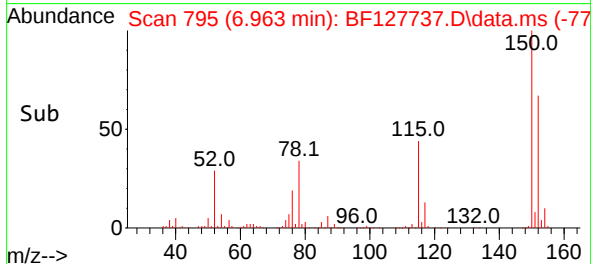
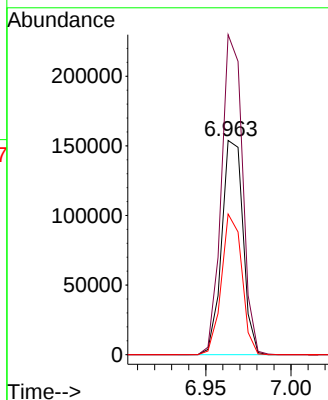
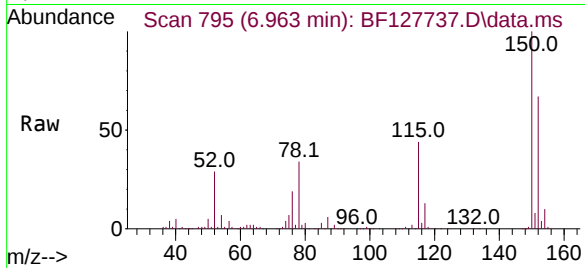




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127737.D
 Acq: 11 Apr 2022 14:30

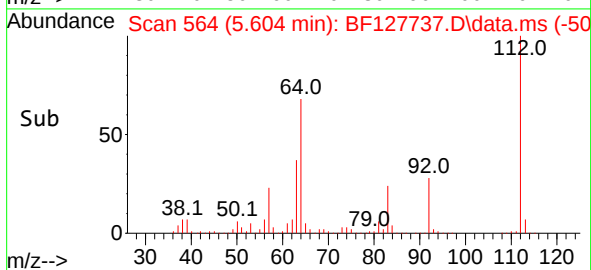
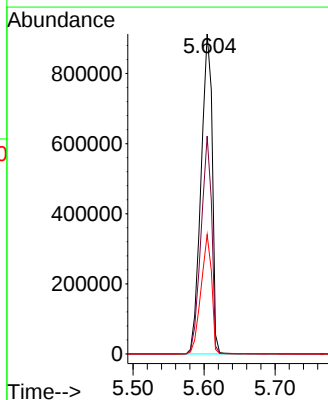
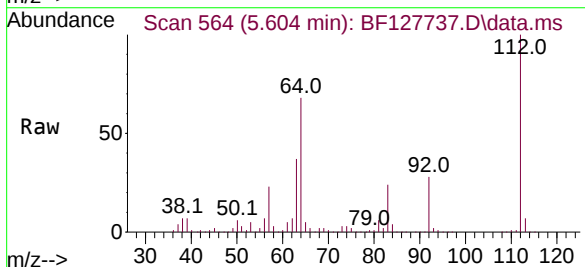
Instrument :
 BNA_F
 ClientSampleId :
 A350-CU

Tgt Ion:152 Resp: 133976
 Ion Ratio Lower Upper
 152 100
 150 149.4 117.2 175.8
 115 65.7 49.8 74.6



#5
 2-Fluorophenol
 Concen: 121.935 ng
 RT: 5.604 min Scan# 564
 Delta R.T. 0.024 min
 Lab File: BF127737.D
 Acq: 11 Apr 2022 14:30

Tgt Ion:112 Resp: 1005375
 Ion Ratio Lower Upper
 112 100
 64 68.0 58.4 87.6
 63 37.3 30.1 45.1



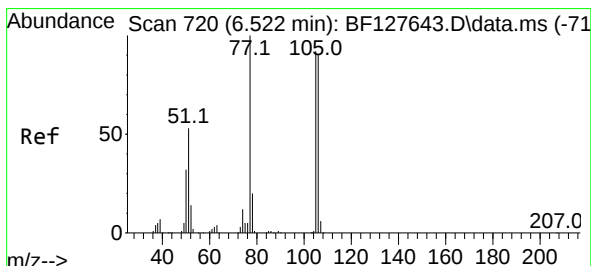
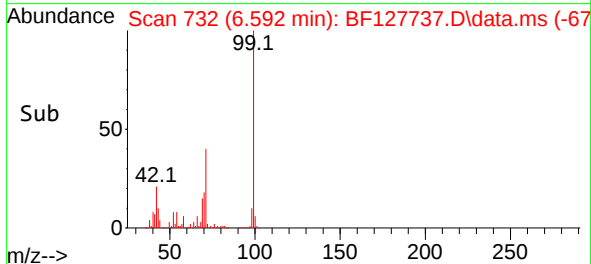
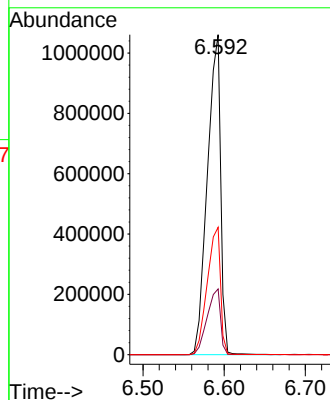
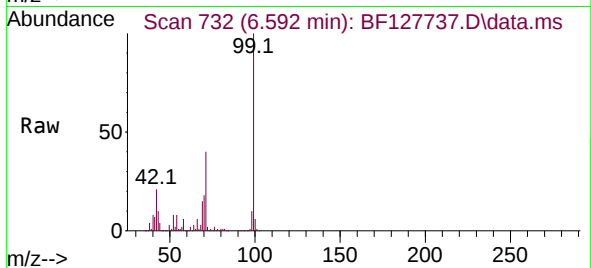


#7
Phenol-d6
Concen: 111.114 ng
RT: 6.592 min Scan# 712
Delta R.T. 0.012 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

Instrument :
BNA_F
ClientSampleId :
A350-CU

Tgt Ion: 99 Resp: 1198529

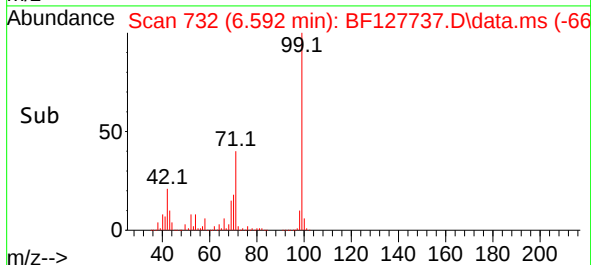
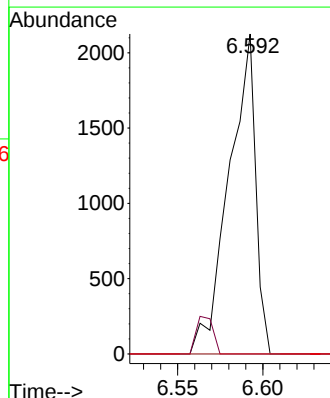
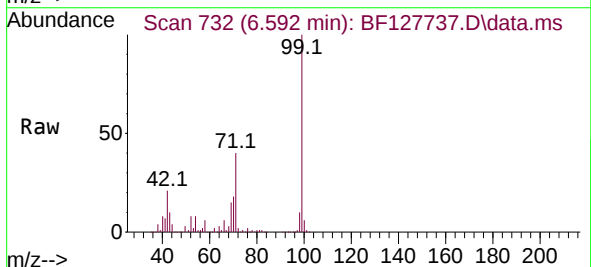
Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.8	26.6
71	39.8	29.6	44.4

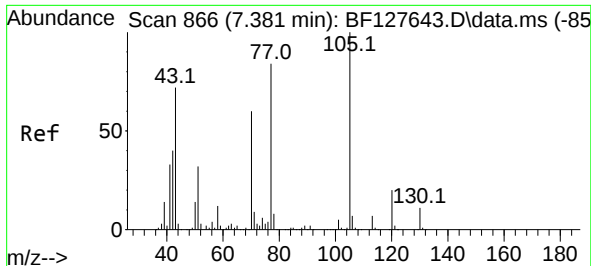


#9
Benzaldehyde
Concen: Below Cal
RT: 6.592 min Scan# 732
Delta R.T. 0.070 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

Tgt Ion: 77 Resp: 2305

Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	0.0	64.3	104.3#

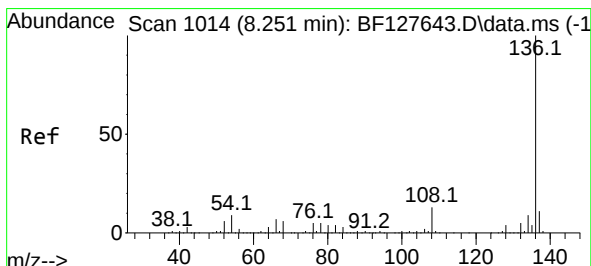
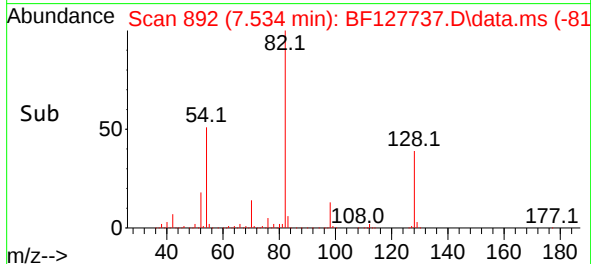
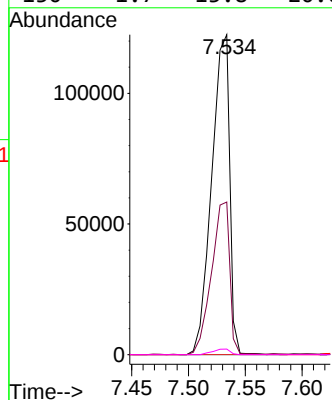
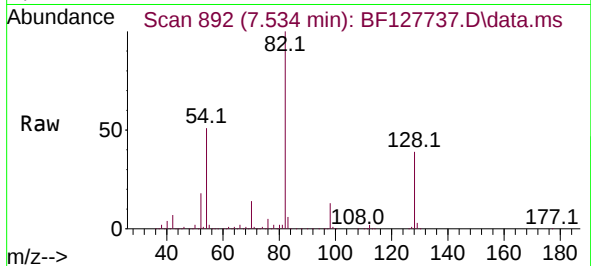




#19
n-Nitroso-di-n-propylamine
Concen: 19.318 ng
RT: 7.534 min Scan# 892
Delta R.T. 0.153 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

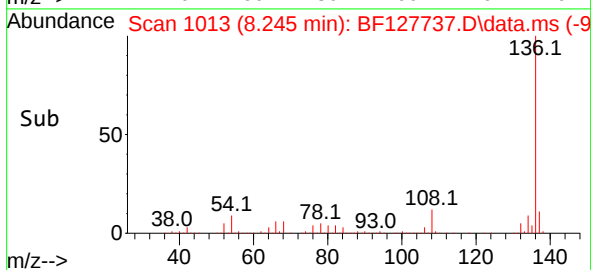
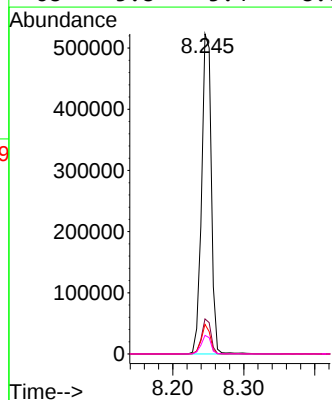
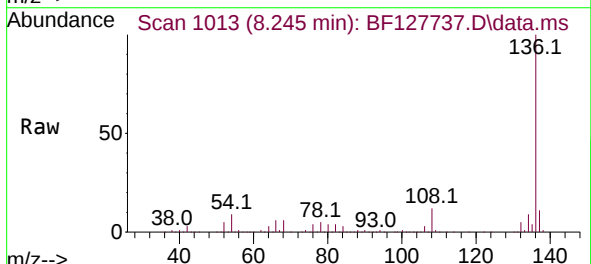
Instrument :
BNA_F
ClientSampleId :
A350-CU

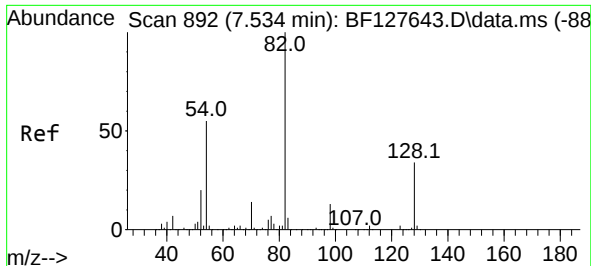
Tgt Ion: 70 Resp: 134771
Ion Ratio Lower Upper
70 100
42 47.7 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

Tgt Ion: 136 Resp: 496829
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 9.2 13.8
68 5.8 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.774 ng

RT: 7.534 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF127737.D

Acq: 11 Apr 2022 14:30

Instrument :

BNA_F

ClientSampleId :

A350-CU

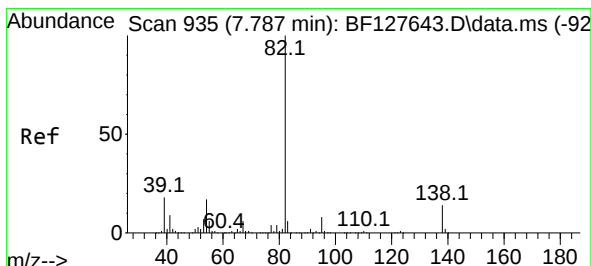
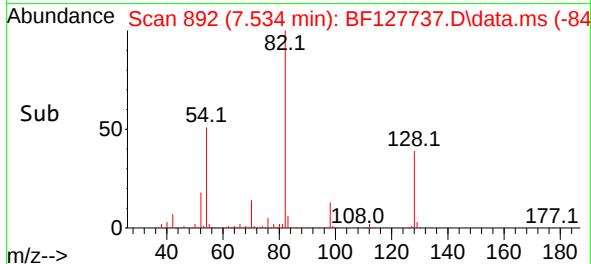
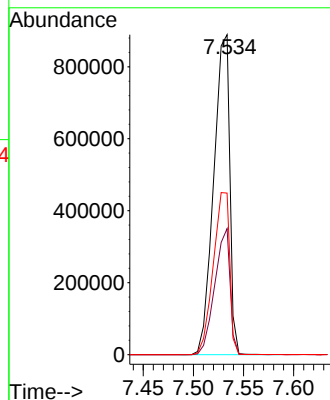
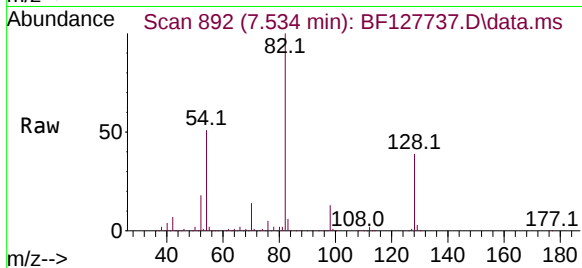
Tgt Ion: 82 Resp: 989325

Ion Ratio Lower Upper

82 100

128 39.4 30.6 45.8

54 50.5 48.2 72.2



#25

Isophorone

Concen: 50.875 ng

RT: 7.534 min Scan# 892

Delta R.T. -0.253 min

Lab File: BF127737.D

Acq: 11 Apr 2022 14:30

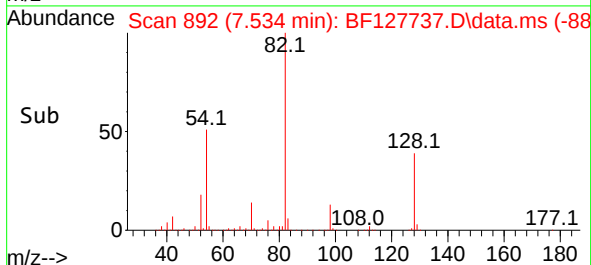
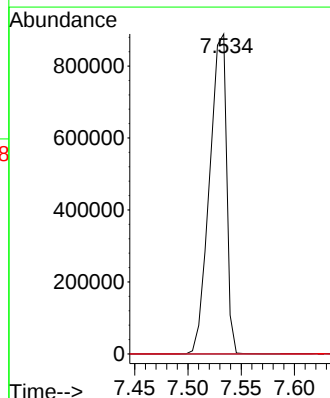
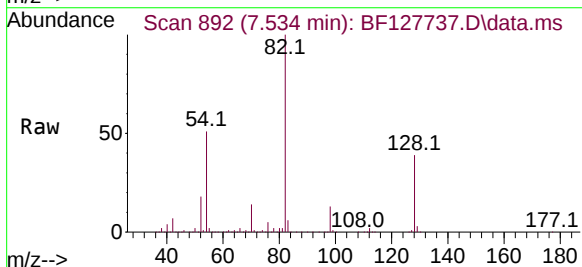
Tgt Ion: 82 Resp: 989315

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

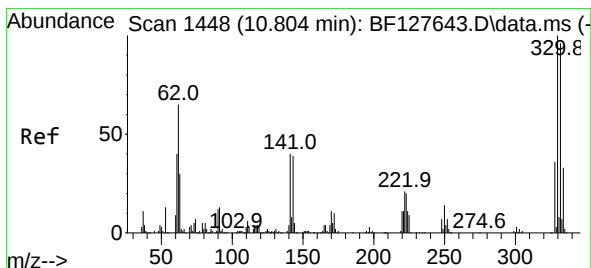
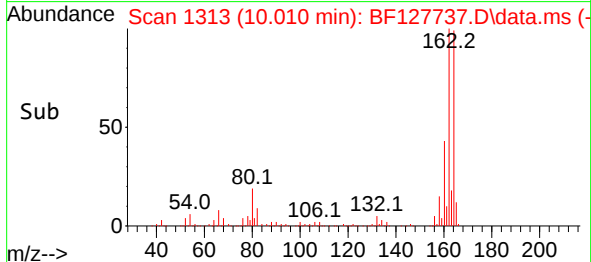
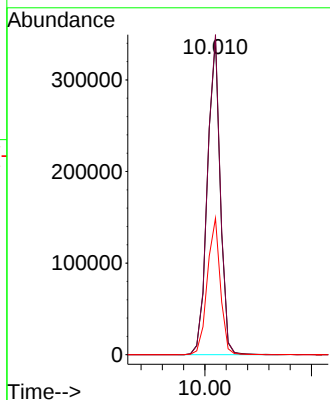
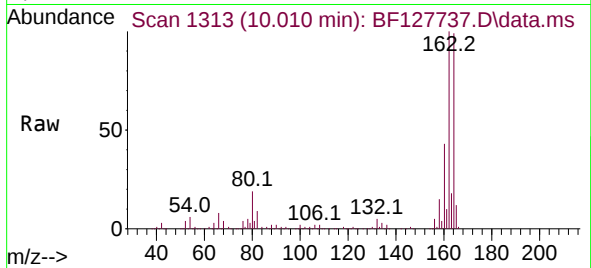




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

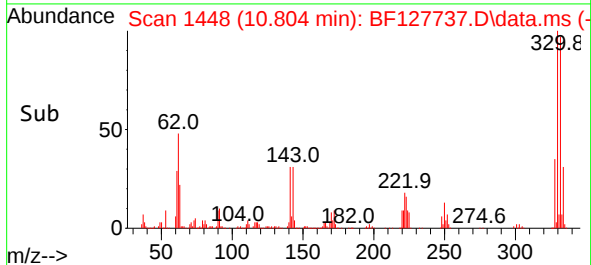
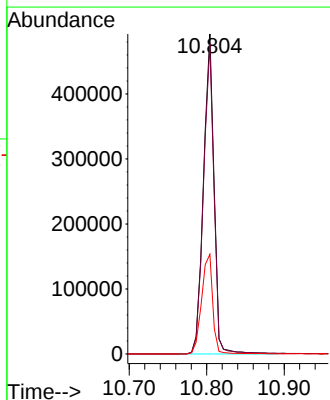
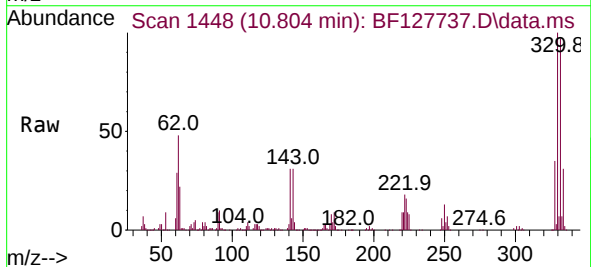
Instrument :
BNA_F
ClientSampleId :
A350-CU

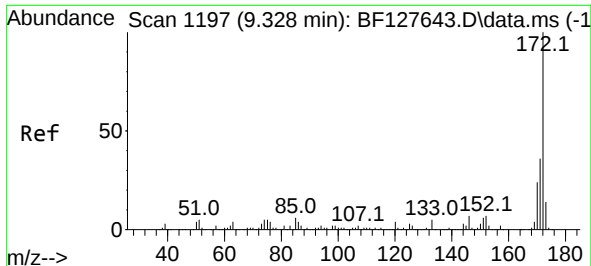
Tgt Ion:164 Resp: 289586
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 43.2 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 151.145 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

Tgt Ion:330 Resp: 465772
Ion Ratio Lower Upper
330 100
332 96.7 79.1 118.7
141 33.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 84.269 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127737.D

Acq: 11 Apr 2022 14:30

Instrument :

BNA_F

ClientSampleId :

A350-CU

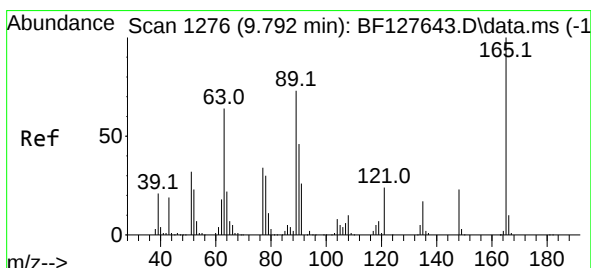
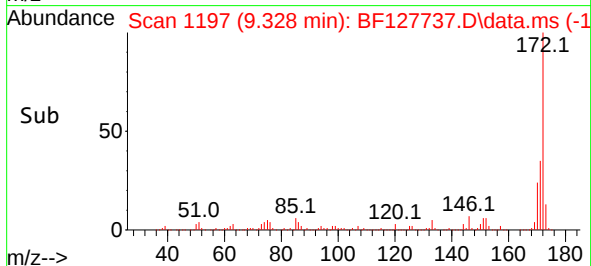
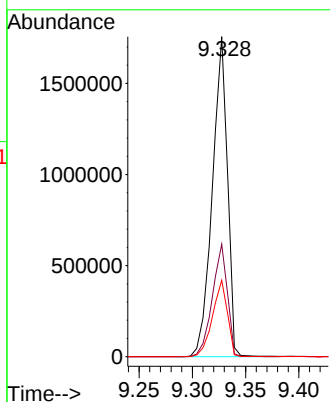
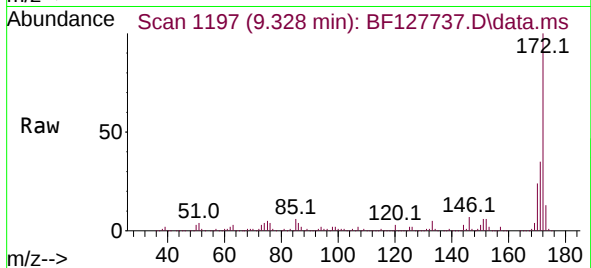
Tgt Ion:172 Resp: 1725015

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.9 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.247 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127737.D

Acq: 11 Apr 2022 14:30

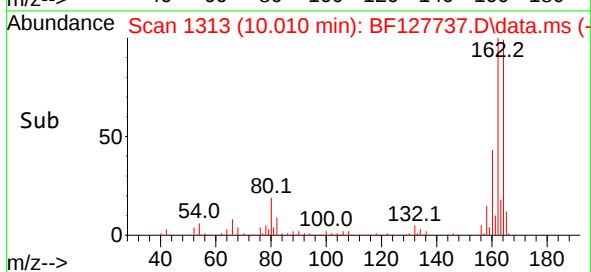
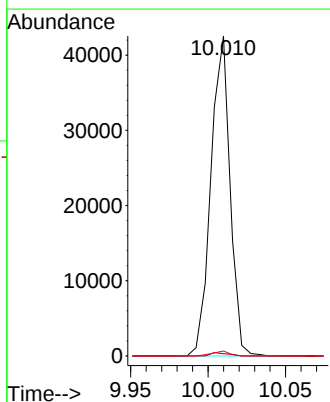
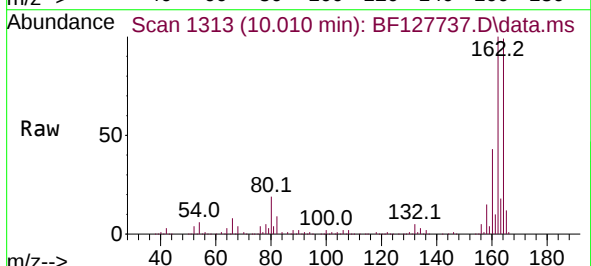
Tgt Ion:165 Resp: 36588

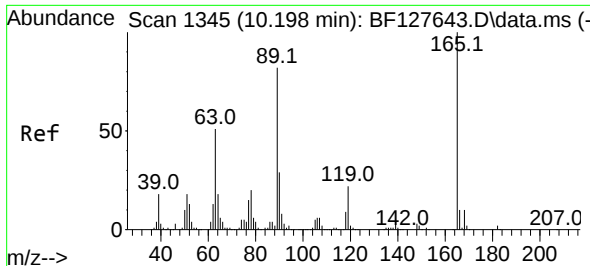
Ion Ratio Lower Upper

165 100

63 0.7 58.3 87.5#

89 1.5 51.5 77.3#

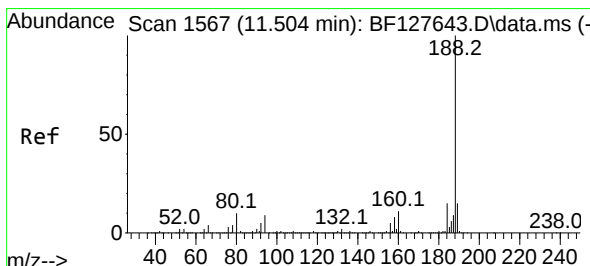
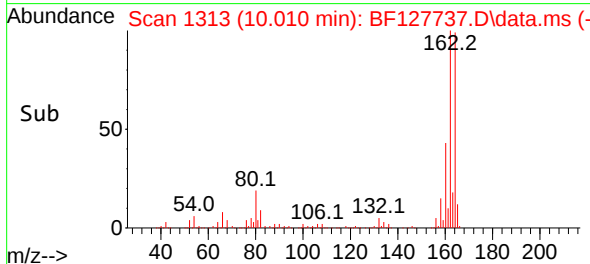
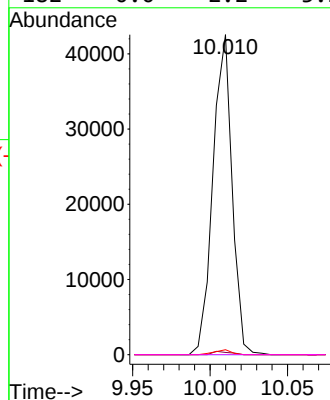
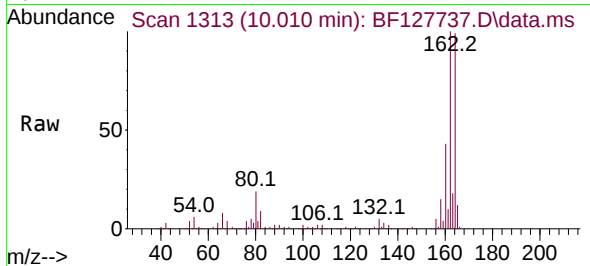




#57
2,4-Dinitrotoluene
Concen: 7.459 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

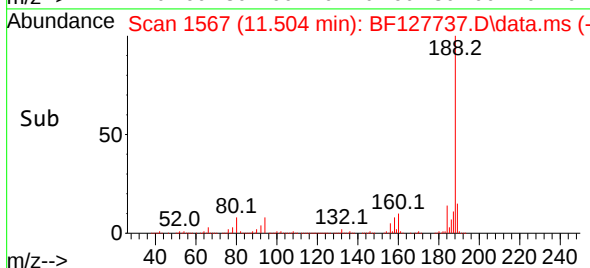
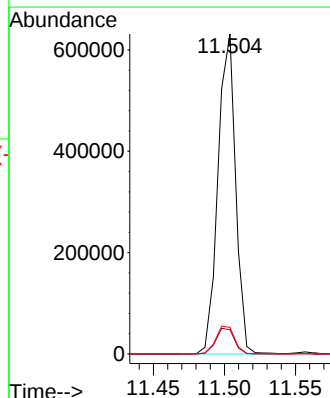
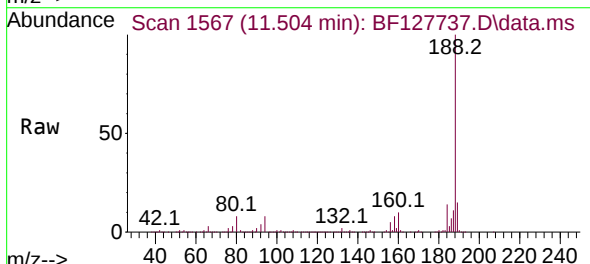
Instrument :
BNA_F
ClientSampleId :
A350-CU

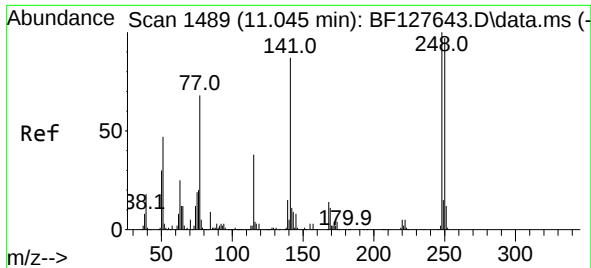
Tgt Ion:165 Resp: 36588
Ion Ratio Lower Upper
165 100
63 0.7 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

Tgt Ion:188 Resp: 544778
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.0
80 8.3 8.0 12.0

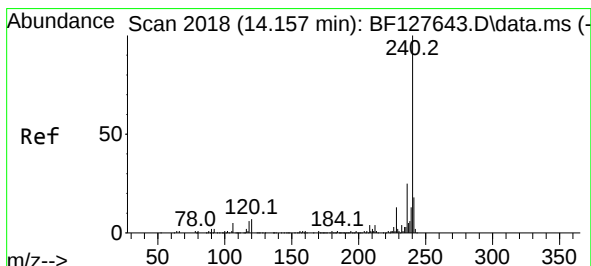
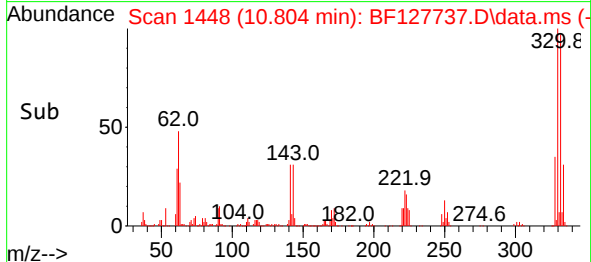
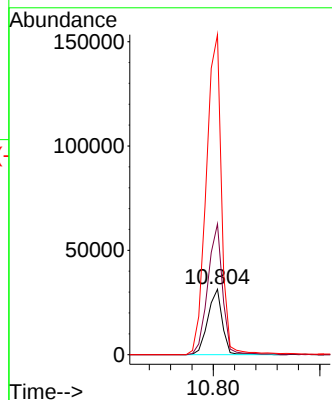
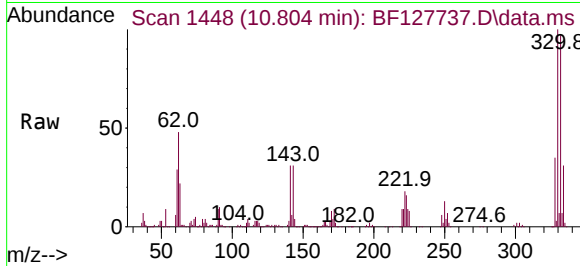




#67
4-Bromophenyl-phenylether
Concen: 4.495 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

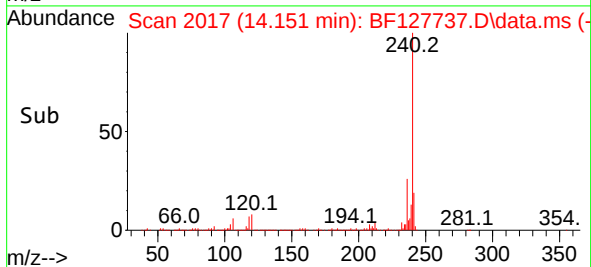
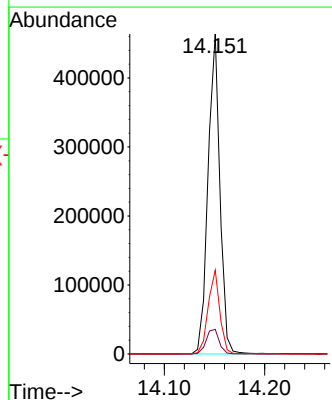
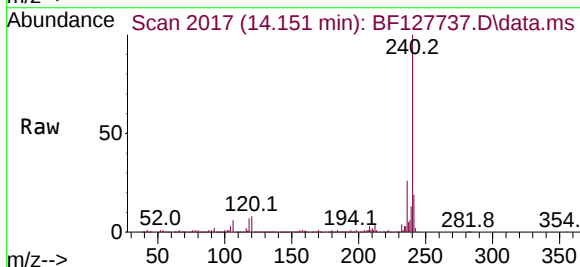
Instrument :
BNA_F
ClientSampleId :
A350-CU

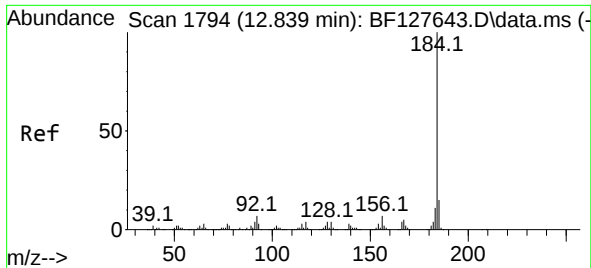
Tgt Ion:248 Resp: 29722
Ion Ratio Lower Upper
248 100
250 199.7 76.6 115.0#
141 488.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

Tgt Ion:240 Resp: 384445
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 26.2 20.7 31.1

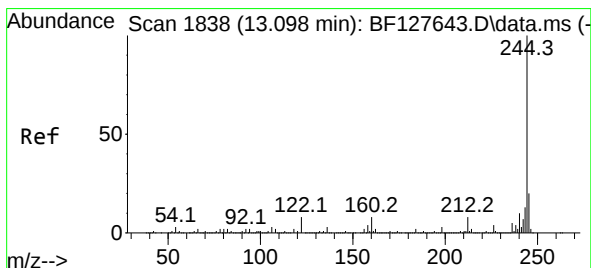
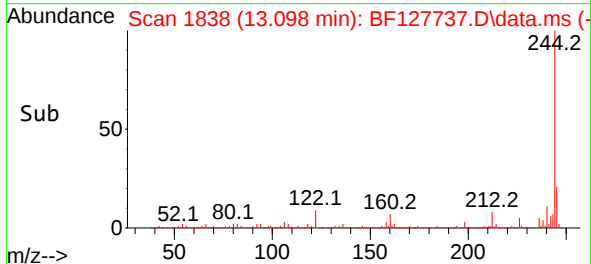
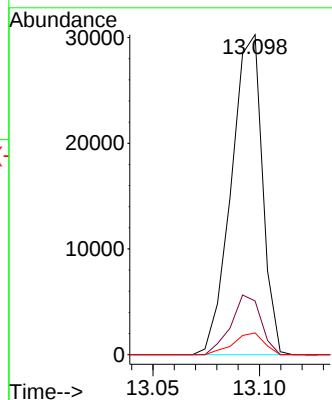
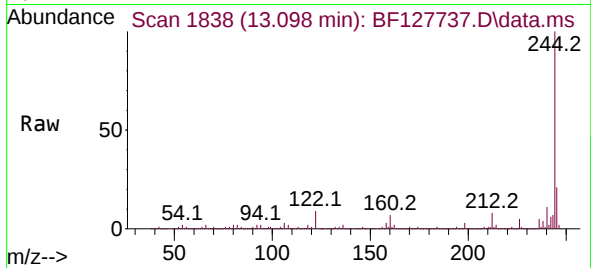




#77
Benzidine
Concen: 3.064 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

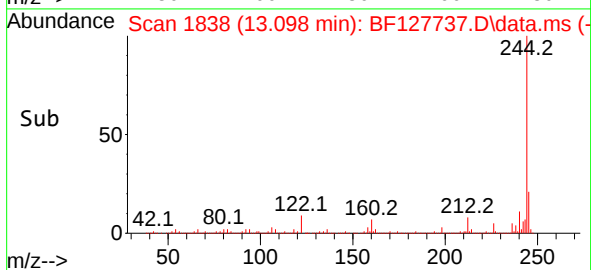
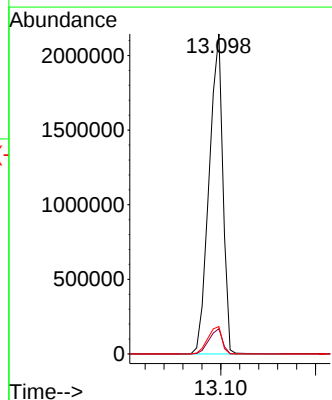
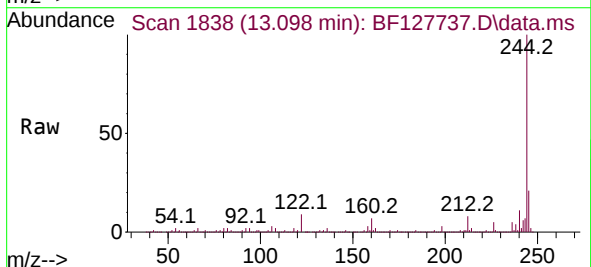
Instrument :
BNA_F
ClientSampleId :
A350-CU

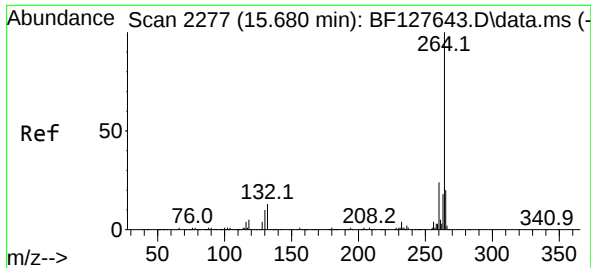
Tgt Ion:184 Resp: 30744
Ion Ratio Lower Upper
184 100
185 16.8 12.2 18.2
183 6.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.412 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127737.D
Acq: 11 Apr 2022 14:30

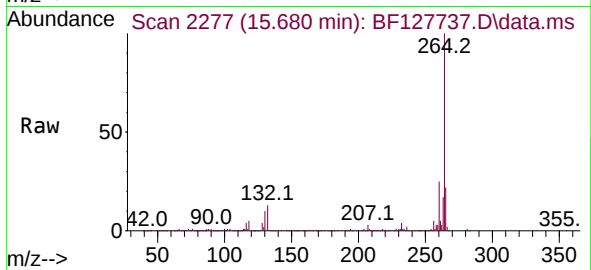
Tgt Ion:244 Resp: 2152378
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 8.5 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127737.D
 Acq: 11 Apr 2022 14:30

Instrument :
 BNA_F
 ClientSampleId :
 A350-CU



Tgt Ion:264 Resp: 307024
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 21.7 17.4 26.2

