

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127677.D
 Acq On : 07 Apr 2022 11:53
 Operator : CG\JU
 Sample : PB143795BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143795BL

Quant Time: Apr 07 16:51:21 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)

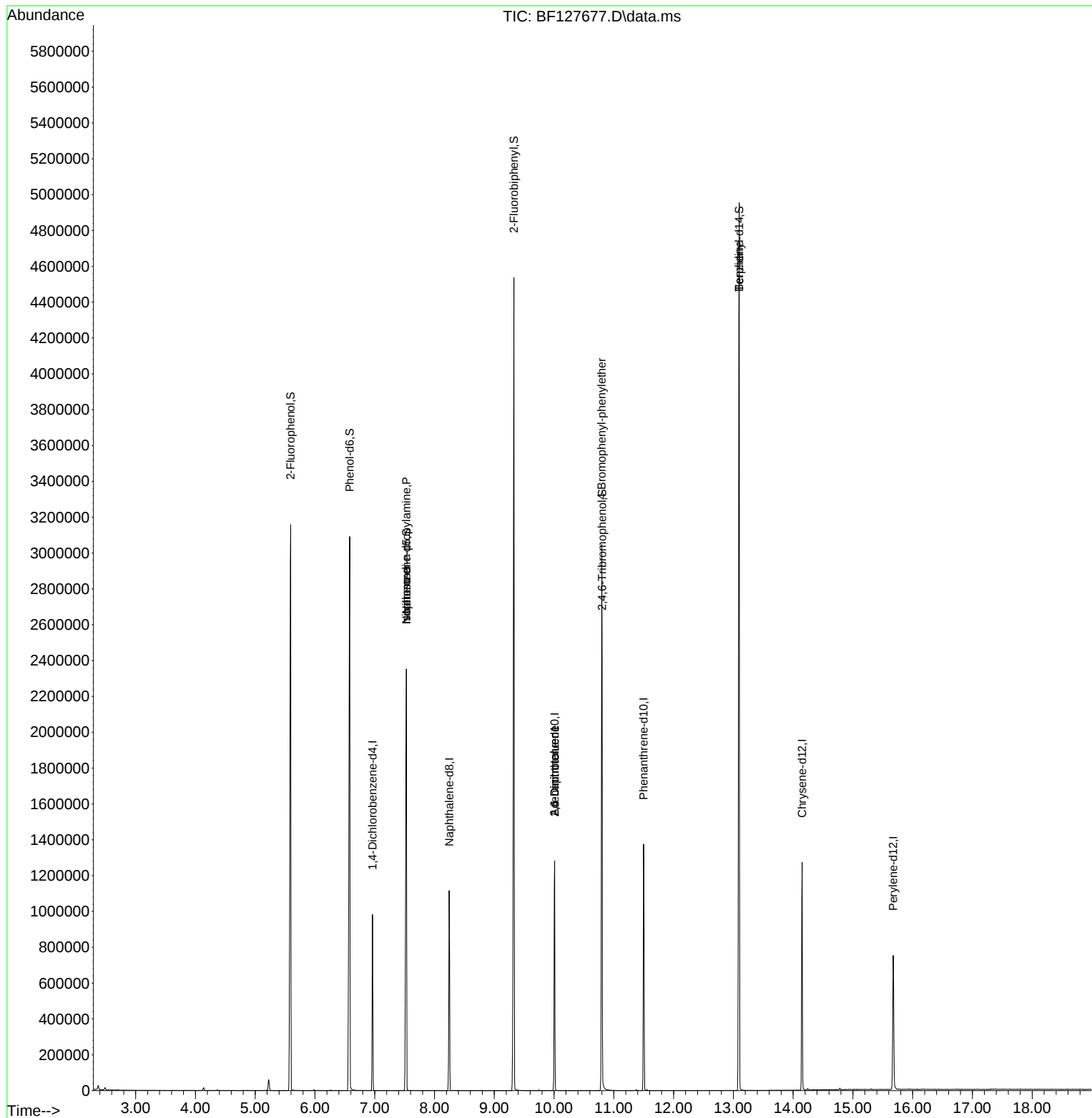
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	123720	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	456644	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	266832	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	505262	20.000	ng	0.00
76) Chrysene-d12	14.151	240	444131	20.000	ng	0.00
86) Perylene-d12	15.674	264	368164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	899056	118.079	ng	0.01
7) Phenol-d6	6.581	99	1150778	115.532	ng	0.00
23) Nitrobenzene-d5	7.528	82	827632	80.800	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	379305	133.582	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1456776	77.234	ng	0.00
79) Terphenyl-d14	13.098	244	1891923	70.313	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.581	77	2131	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	113717	17.651	ng	# 74
25) Isophorone	7.528	82	827622	46.305	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	33650	9.230	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	33650	7.445	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	24539	4.002	ng	# 1
77) Benzidine	13.098	184	28232	2.435	ng	# 93

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

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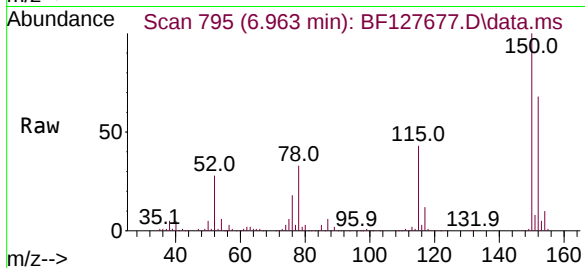
Quant Time: Apr 07 16:51:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
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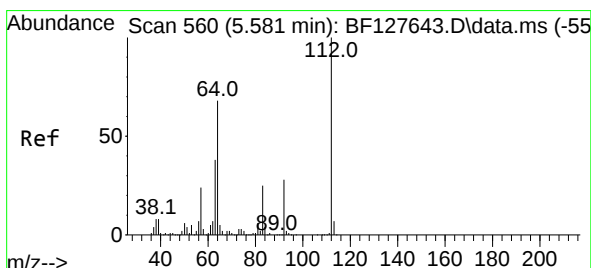
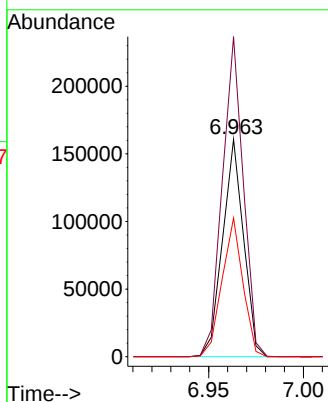
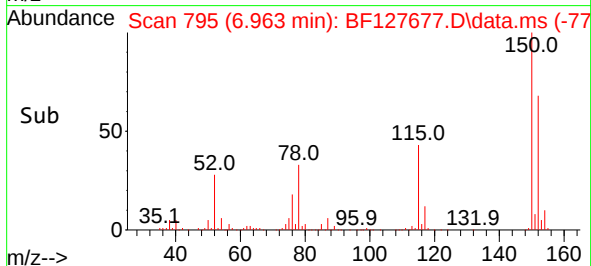


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

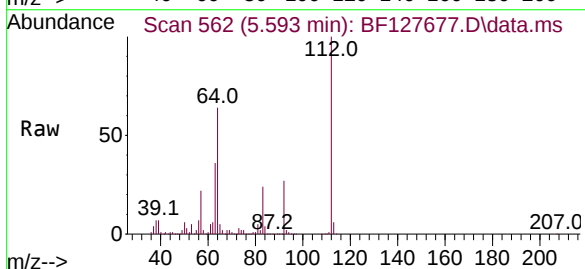
Instrument :
BNA_F
ClientSampleId :
PB143795BL



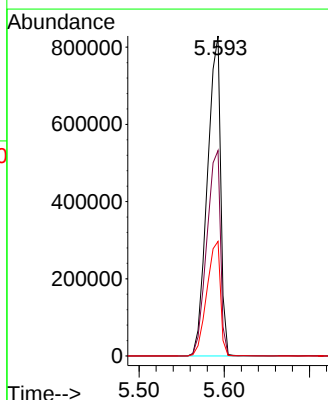
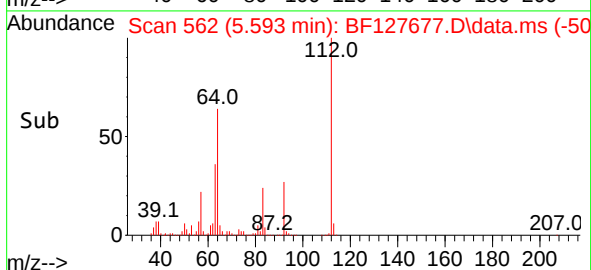
Tgt Ion:152 Resp: 123720
Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 63.8 49.8 74.6



#5
2-Fluorophenol
Concen: 118.079 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53



Tgt Ion:112 Resp: 899056
Ion Ratio Lower Upper
112 100
64 64.2 58.4 87.6
63 35.8 30.1 45.1

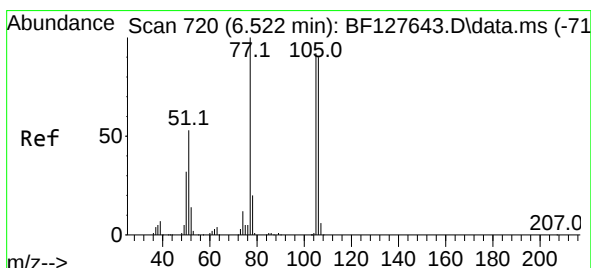
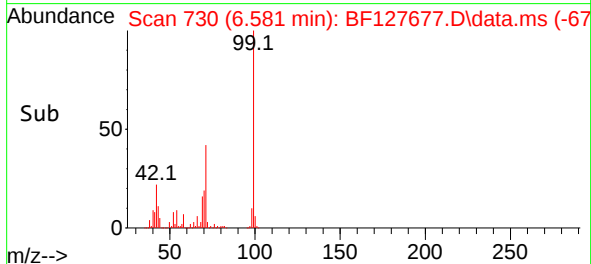
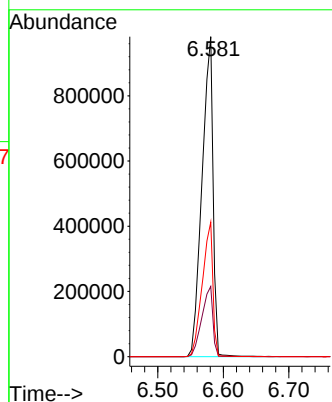
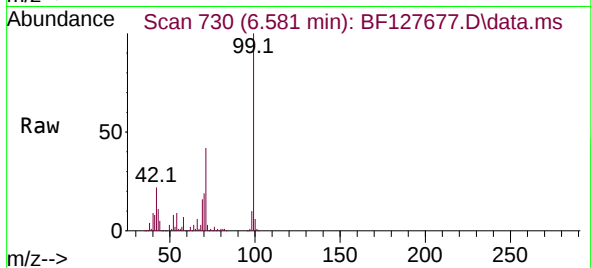




#7
Phenol-d6
Concen: 115.532 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

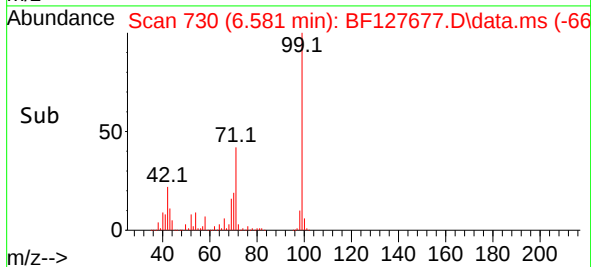
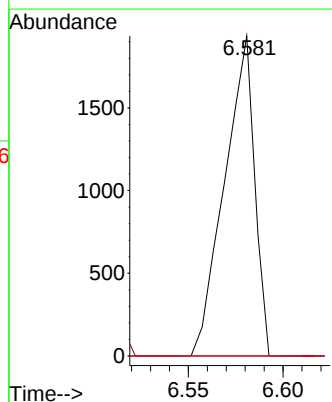
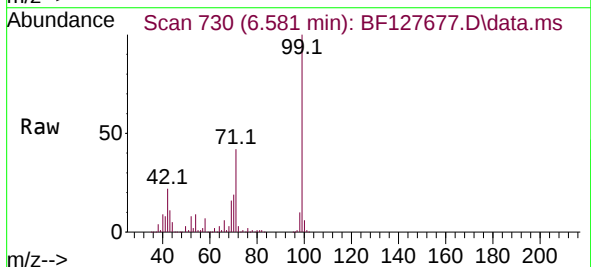
Instrument :
BNA_F
ClientSampleId :
PB143795BL

Tgt Ion: 99 Resp: 1150778
Ion Ratio Lower Upper
99 100
42 22.0 17.8 26.6
71 42.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

Tgt Ion: 77 Resp: 2131
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: 17.651 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127677.D

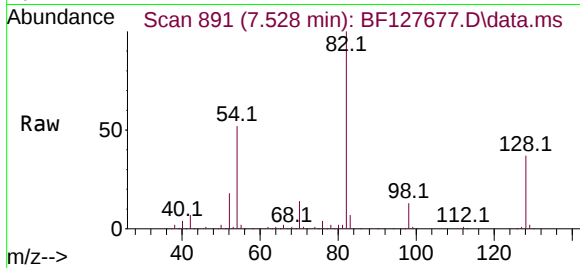
Acq: 07 Apr 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB143795BL



Tgt Ion: 70 Resp: 113717

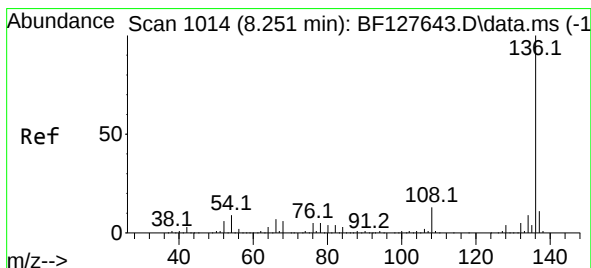
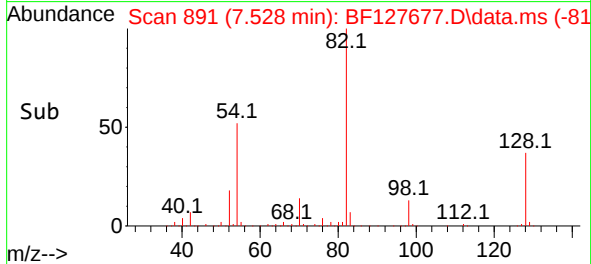
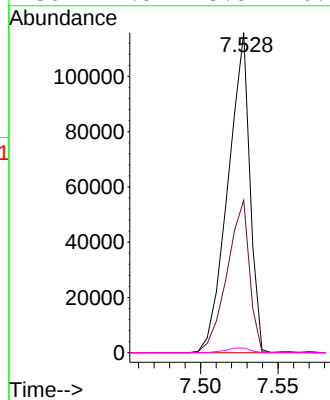
Ion Ratio Lower Upper

70 100

42 47.7 53.0 79.6#

101 0.0 6.8 10.2#

130 1.5 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: BF127677.D

Acq: 07 Apr 2022 11:53

Tgt Ion: 136 Resp: 456644

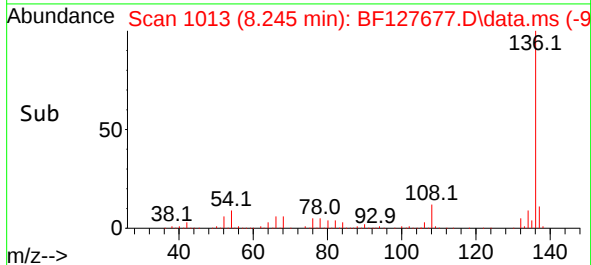
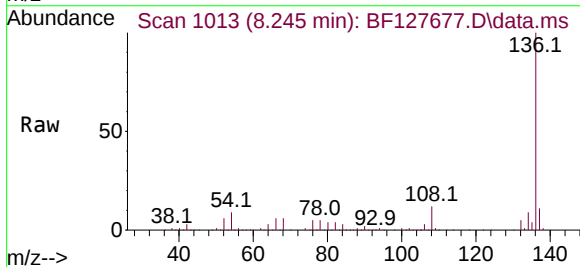
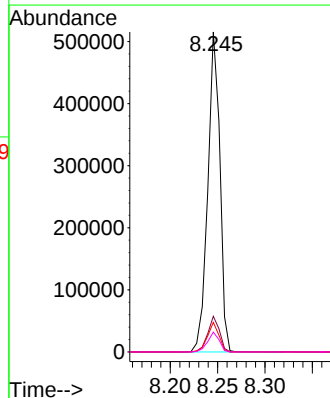
Ion Ratio Lower Upper

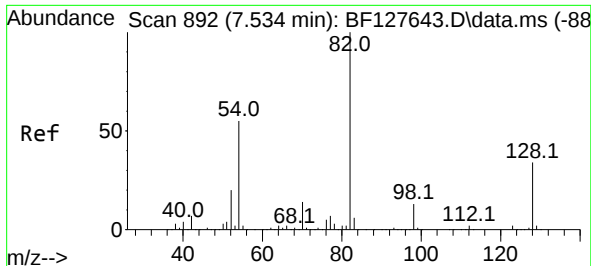
136 100

137 11.2 8.6 13.0

54 9.3 9.2 13.8

68 6.2 5.4 8.0

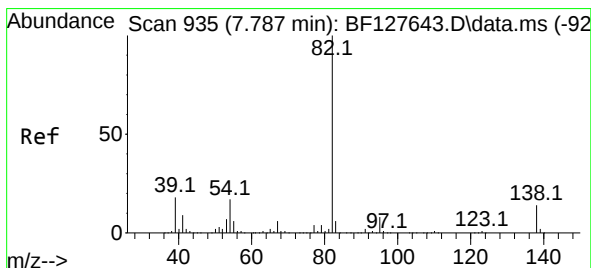
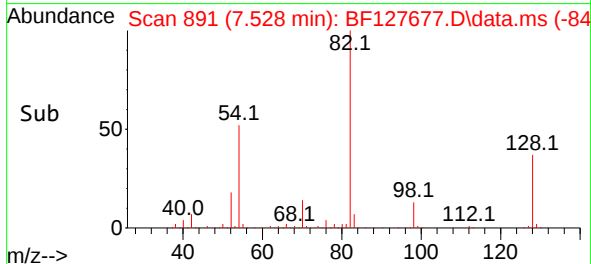
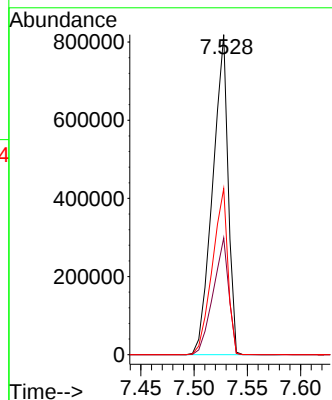
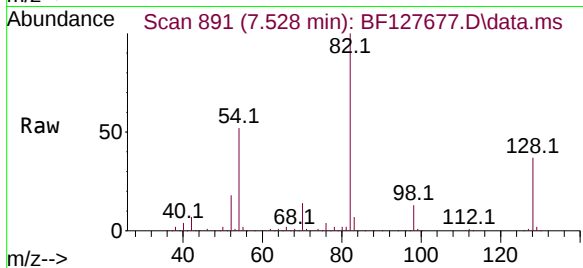




#23
Nitrobenzene-d5
Concen: 80.800 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

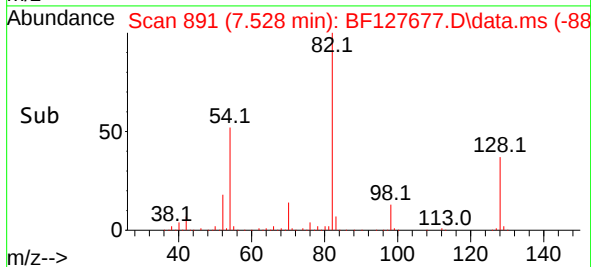
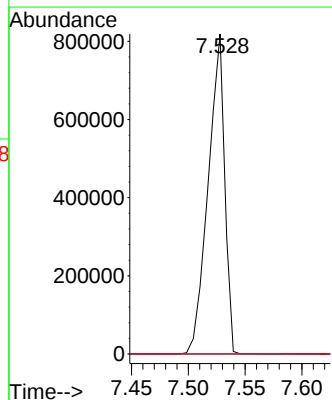
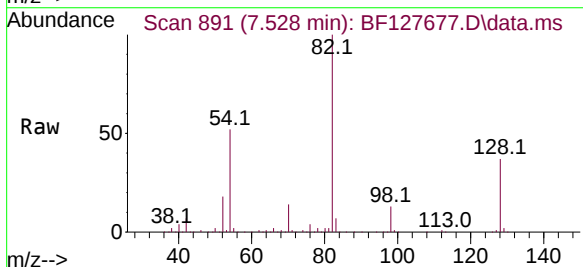
Instrument :
BNA_F
ClientSampleId :
PB143795BL

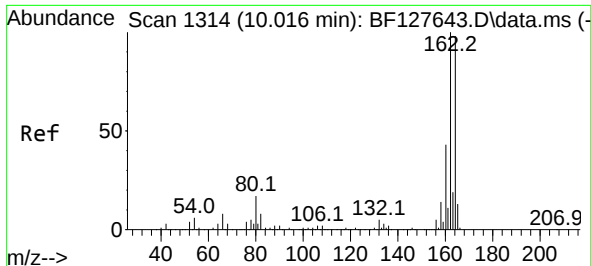
Tgt Ion: 82 Resp: 827632
Ion Ratio Lower Upper
82 100
128 36.5 30.6 45.8
54 51.9 48.2 72.2



#25
Isophorone
Concen: 46.305 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

Tgt Ion: 82 Resp: 827622
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# 1

Delta R.T. -0.006 min

Lab File: BF127677.D

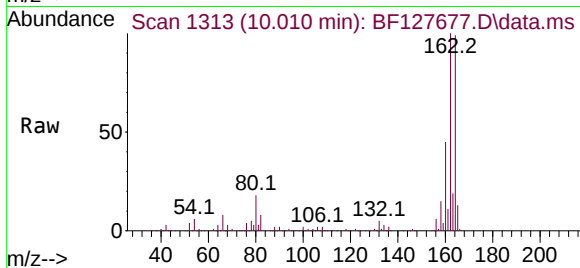
Acq: 07 Apr 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB143795BL



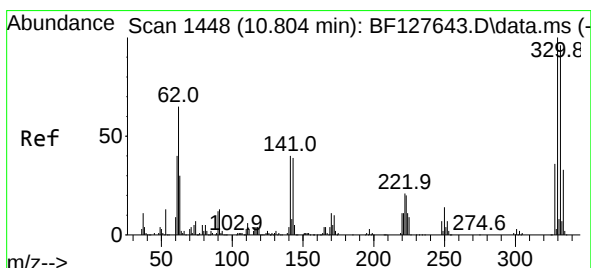
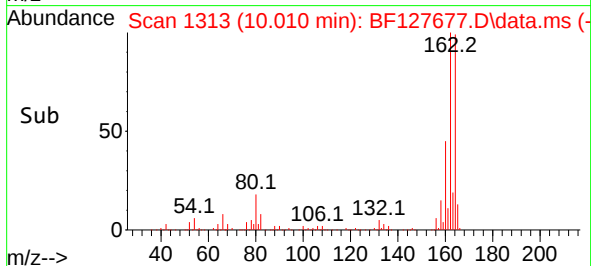
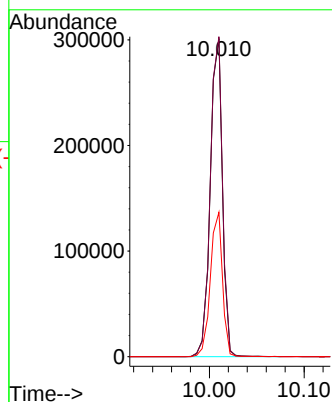
Tgt Ion:164 Resp: 266832

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

160 45.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 133.582 ng

RT: 10.804 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF127677.D

Acq: 07 Apr 2022 11:53

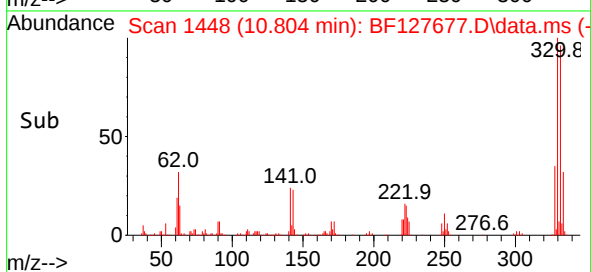
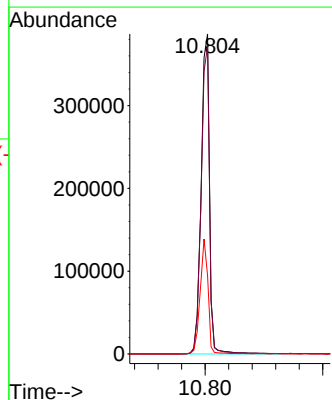
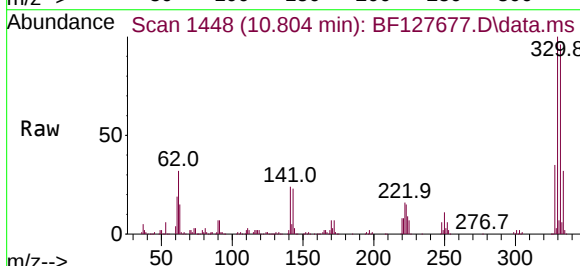
Tgt Ion:330 Resp: 379305

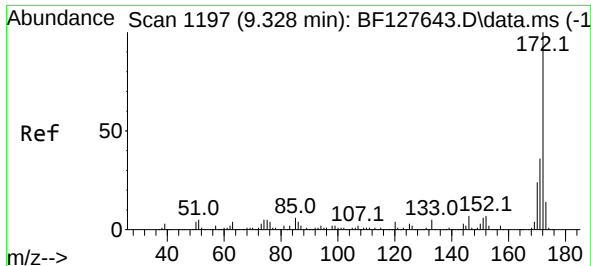
Ion Ratio Lower Upper

330 100

332 96.1 79.1 118.7

141 34.1 26.2 39.4

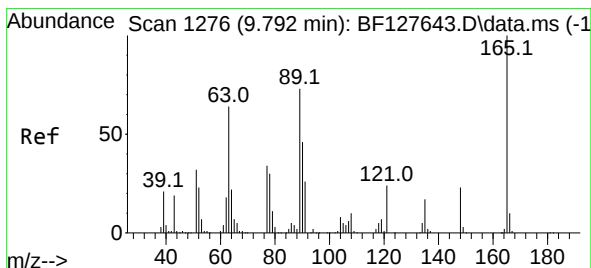
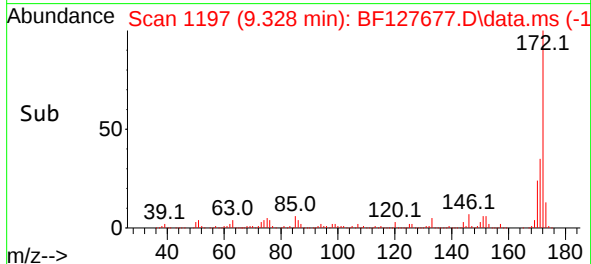
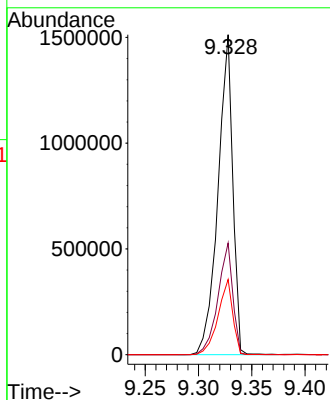
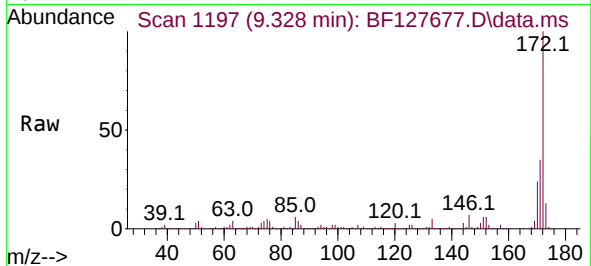




#45
2-Fluorobiphenyl
Concen: 77.234 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

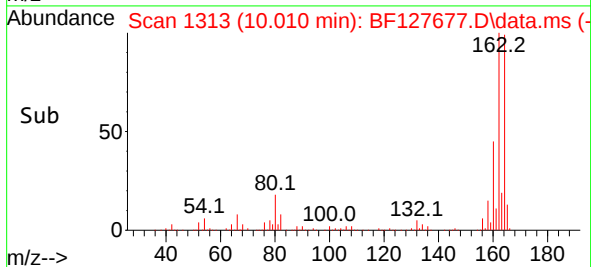
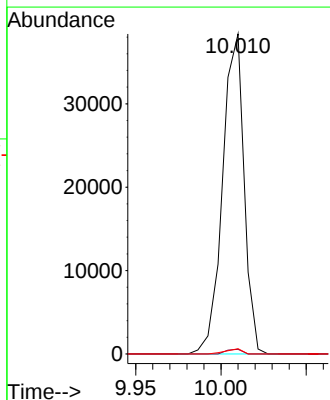
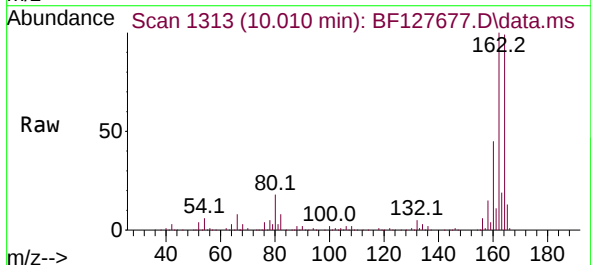
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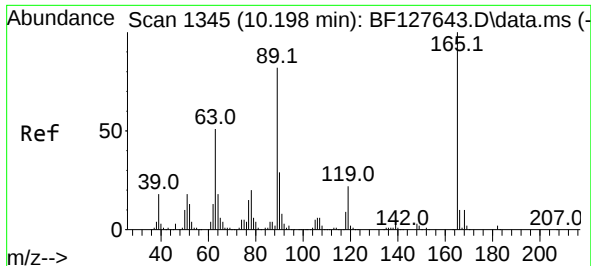
Tgt Ion:172 Resp: 1456776
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.230 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

Tgt Ion:165 Resp: 33650
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.7 51.5 77.3#

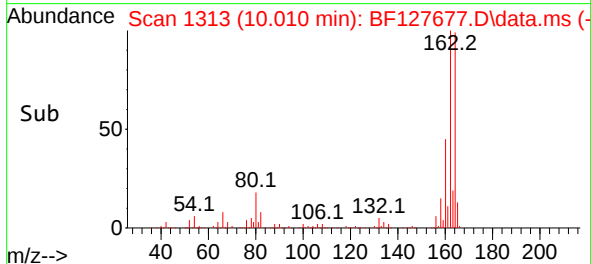
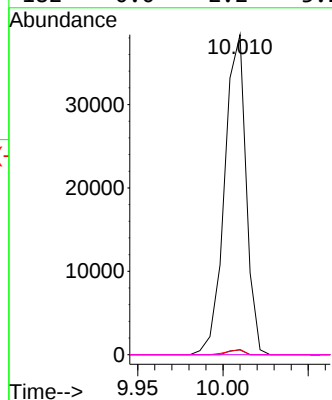
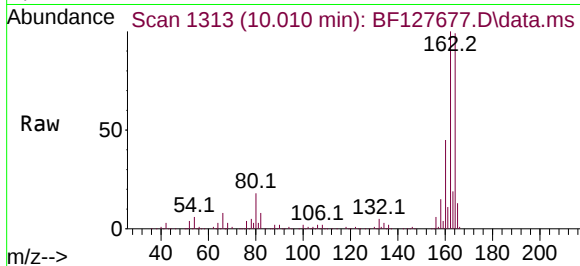




#57
2,4-Dinitrotoluene
Concen: 7.445 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

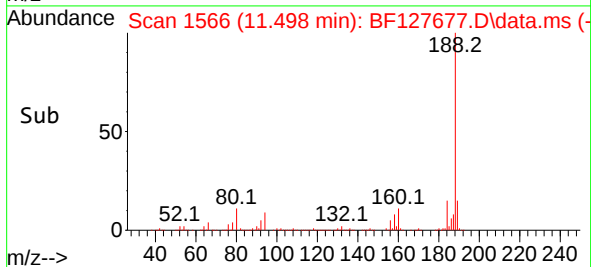
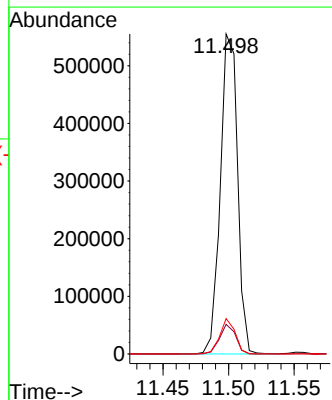
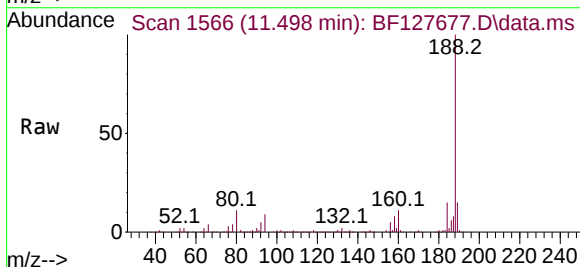
Instrument :
BNA_F
ClientSampleId :
PB143795BL

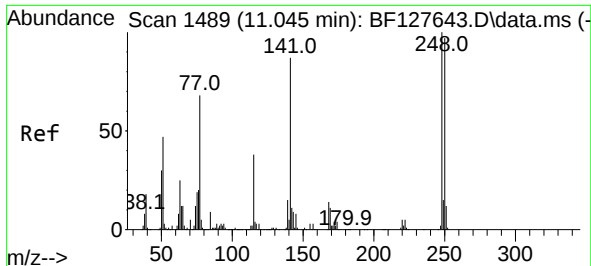
Tgt Ion:165 Resp: 33650
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

Tgt Ion:188 Resp: 505262
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 11.1 8.0 12.0

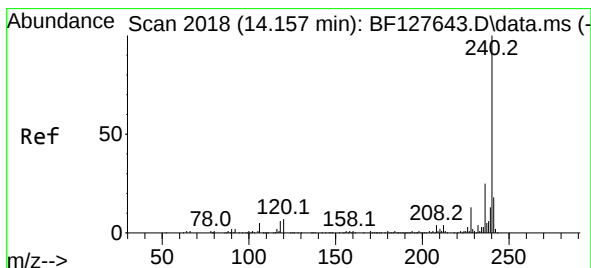
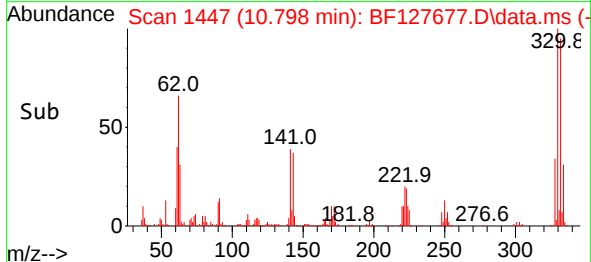
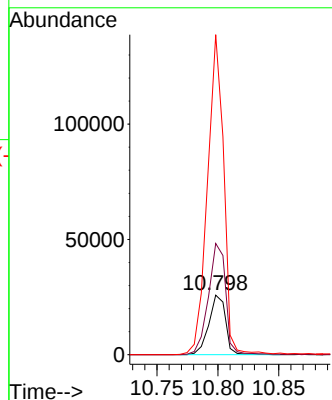
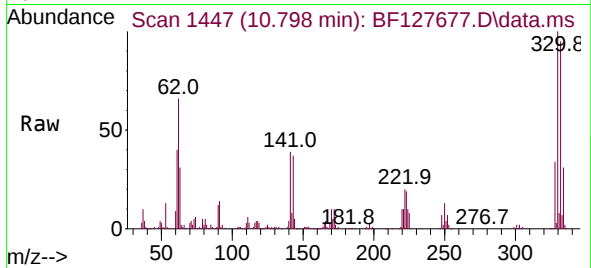




#67
4-Bromophenyl-phenylether
Concen: 4.002 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

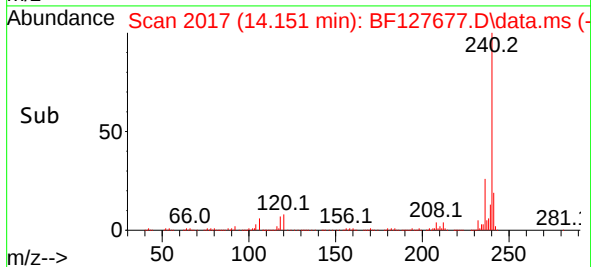
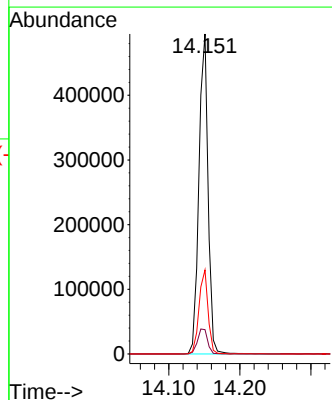
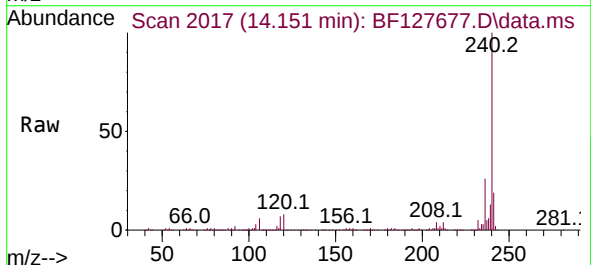
Instrument :
BNA_F
ClientSampleId :
PB143795BL

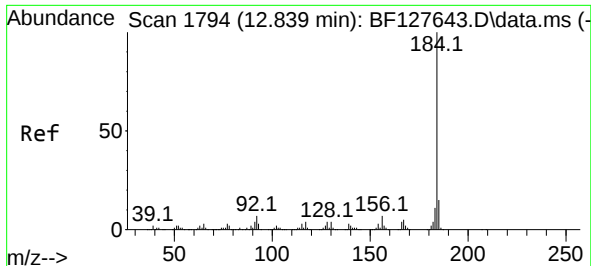
Tgt Ion:248 Resp: 24539
Ion Ratio Lower Upper
248 100
250 186.8 76.6 115.0#
141 537.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

Tgt Ion:240 Resp: 444131
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 26.3 20.7 31.1

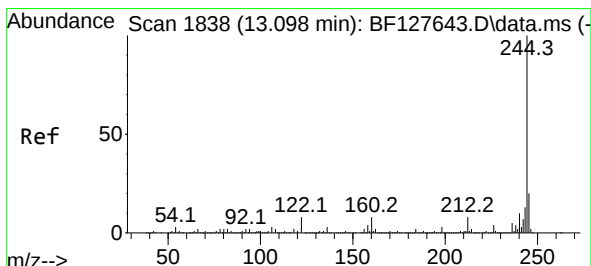
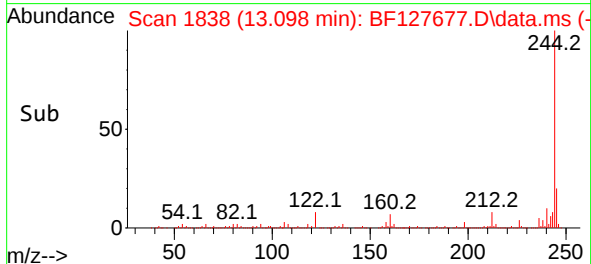
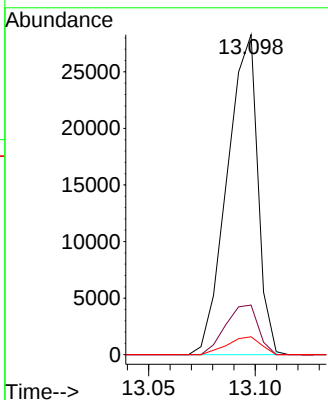
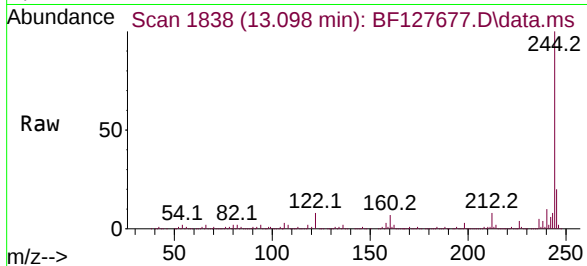




#77
Benzidine
Concen: 2.435 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

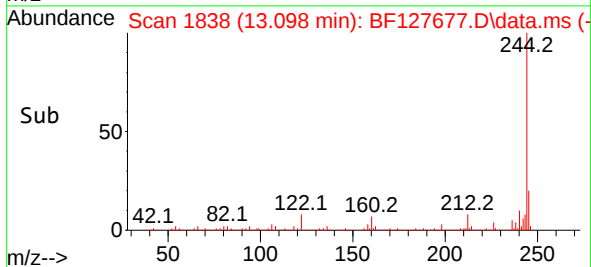
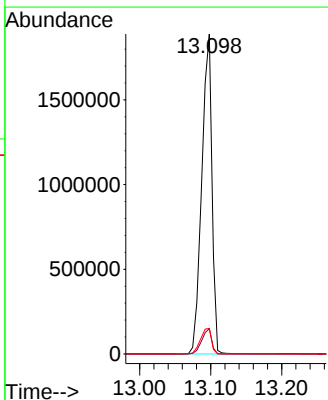
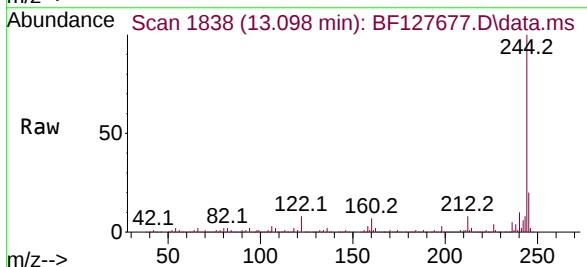
Instrument :
BNA_F
ClientSampleId :
PB143795BL

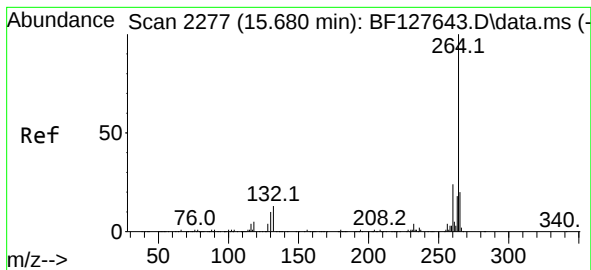
Tgt Ion:184 Resp: 28232
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 5.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 70.313 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

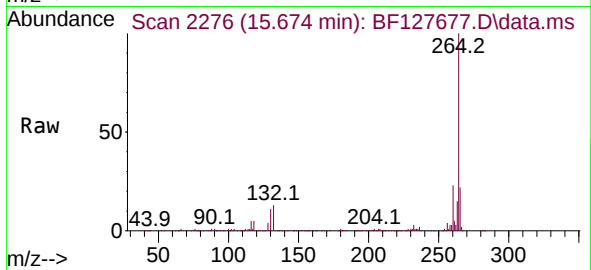
Tgt Ion:244 Resp: 1891923
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 8.0 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127677.D
Acq: 07 Apr 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB143795BL



Tgt Ion:264 Resp: 368164

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.1	28.7
265	22.0	17.4	26.2

