

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127701.D
 Acq On : 07 Apr 2022 23:53
 Operator : CG\JU
 Sample : N2207-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220351-AMENDED-096-21-03

Quant Time: Apr 08 04:47:00 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)

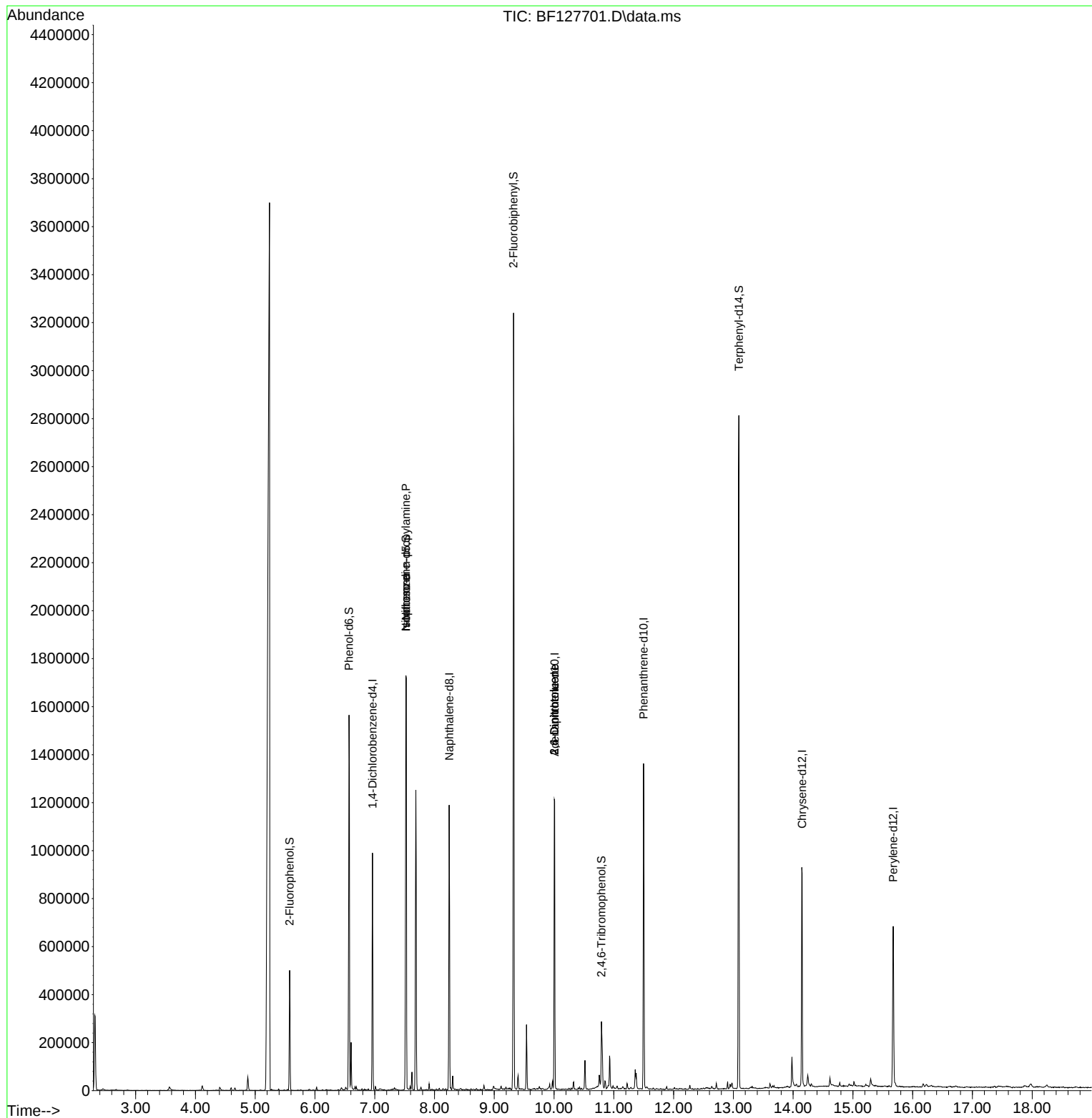
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	127700	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	465475	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	266040	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	481942	20.000	ng	0.00
76) Chrysene-d12	14.151	240	336026	20.000	ng	0.00
86) Perylene-d12	15.674	264	320680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	115226	14.662	ng	0.00
7) Phenol-d6	6.569	99	497815	48.420	ng	-0.01
23) Nitrobenzene-d5	7.522	82	625185	59.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	24358	8.604	ng	-0.01
45) 2-Fluorobiphenyl	9.322	172	1015195	53.983	ng	0.00
79) Terphenyl-d14	13.092	244	1008912	49.559	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	1916	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.522	70	85400	12.843	ng	# 77
25) Isophorone	7.522	82	625175	34.315	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	34489	9.488	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	34489	7.653	ng	# 13

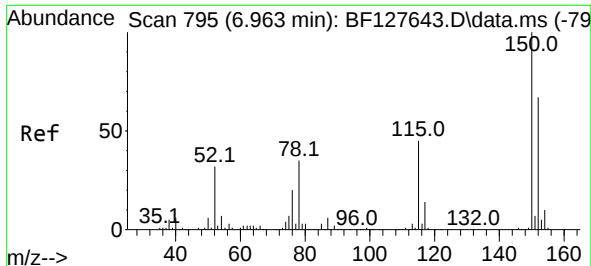
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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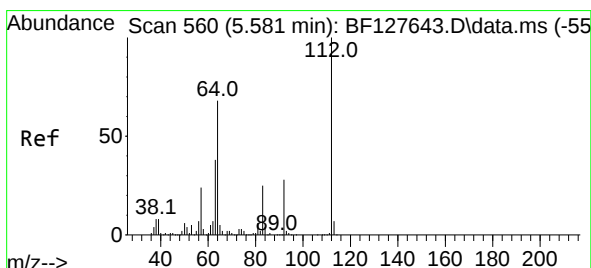
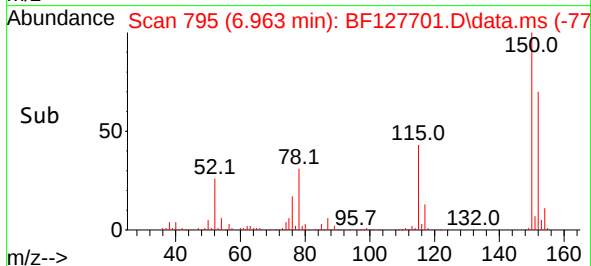
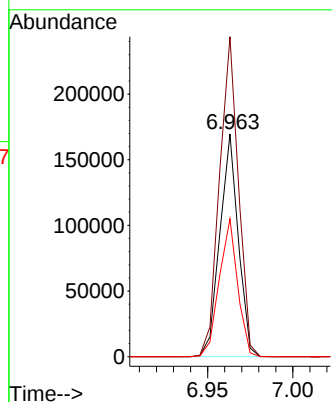
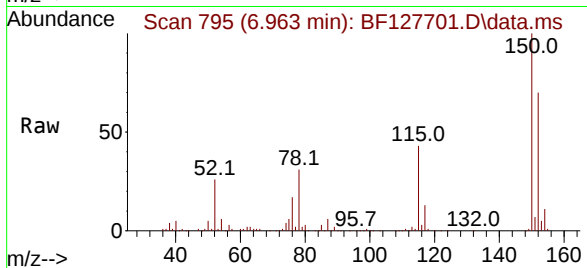




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

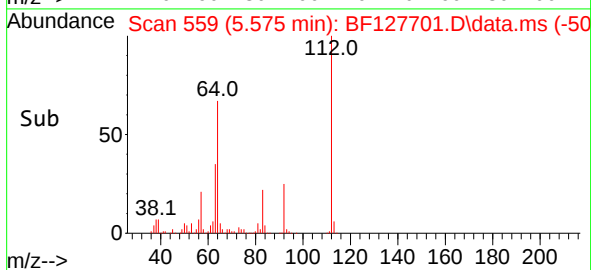
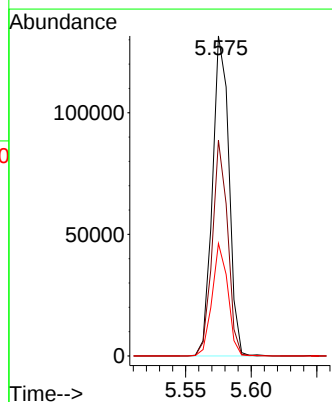
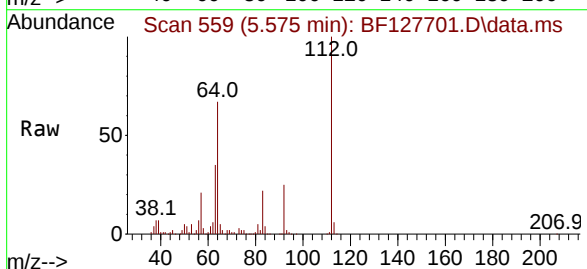
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03

Tgt Ion:152 Resp: 127700
Ion Ratio Lower Upper
152 100
150 143.6 117.2 175.8
115 61.9 49.8 74.6



#5
2-Fluorophenol
Concen: 14.662 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

Tgt Ion:112 Resp: 115226
Ion Ratio Lower Upper
112 100
64 67.4 58.4 87.6
63 35.2 30.1 45.1

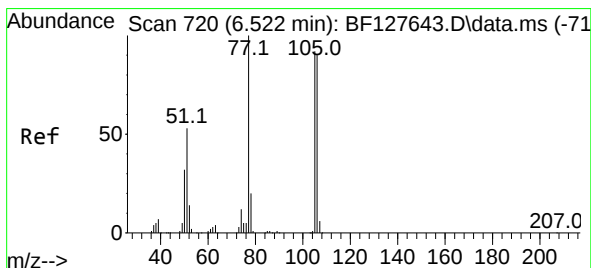
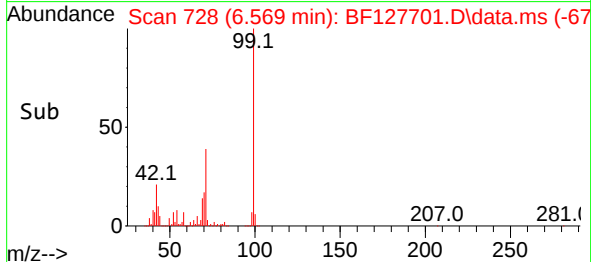
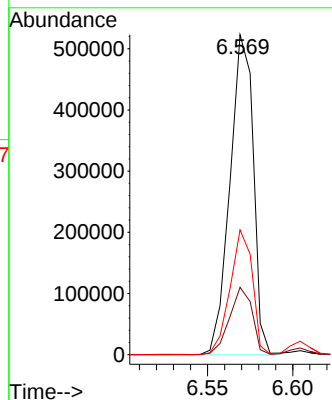
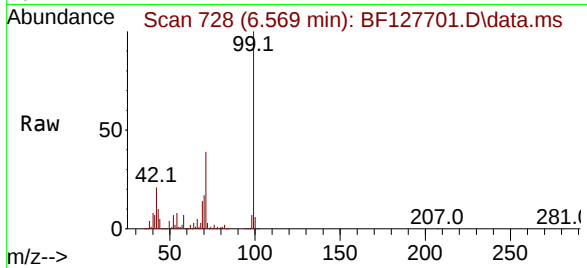




#7
Phenol-d6
Concen: 48.420 ng
RT: 6.569 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

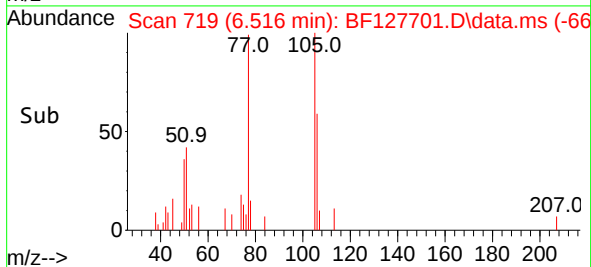
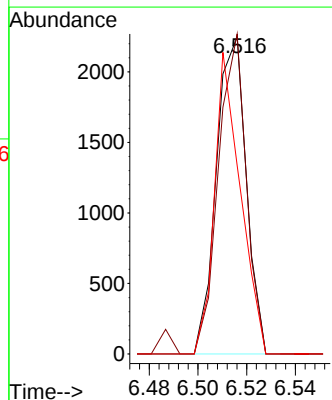
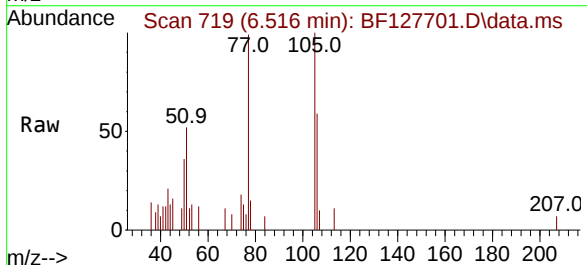
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03

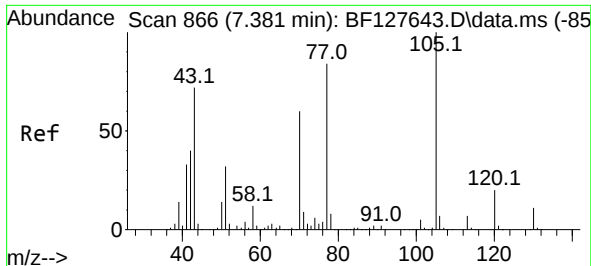
Tgt Ion: 99 Resp: 497815
Ion Ratio Lower Upper
99 100
42 21.0 17.8 26.6
71 39.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

Tgt Ion: 77 Resp: 1916
Ion Ratio Lower Upper
77 100
105 100.9 66.8 106.8
106 59.4 64.3 104.3#

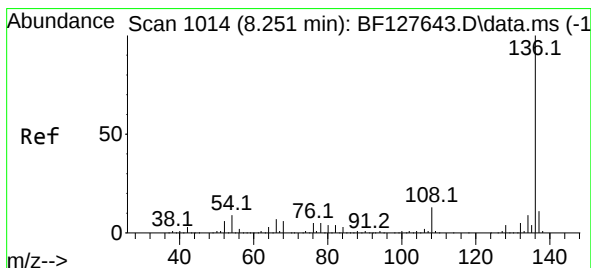
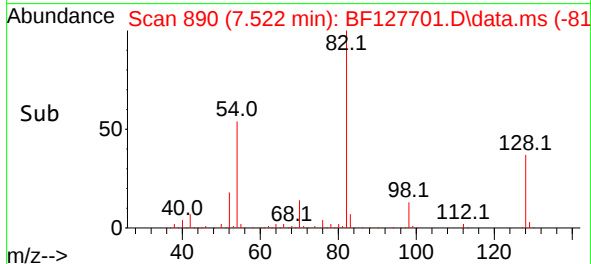
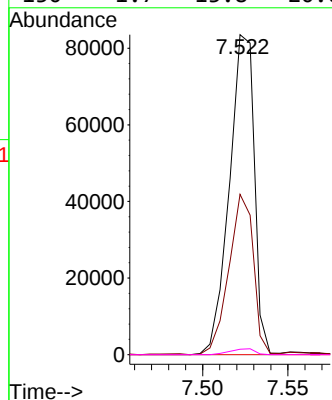
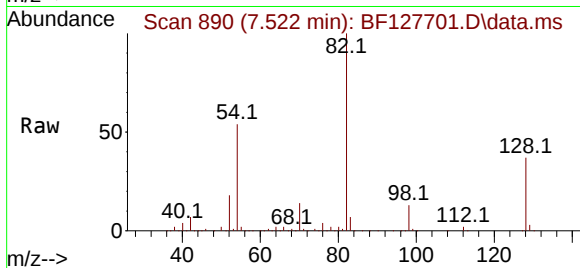




#19
n-Nitroso-di-n-propylamine
Concen: 12.843 ng
RT: 7.522 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

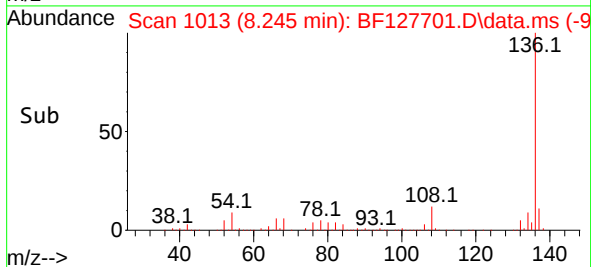
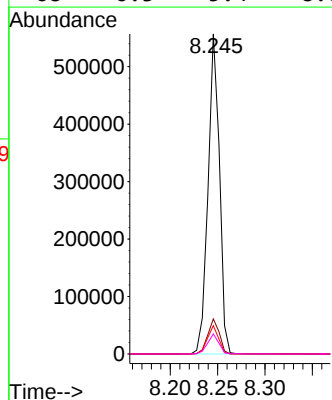
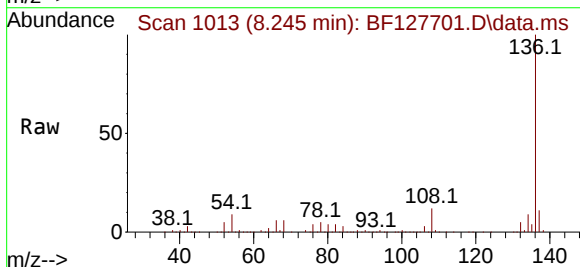
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03

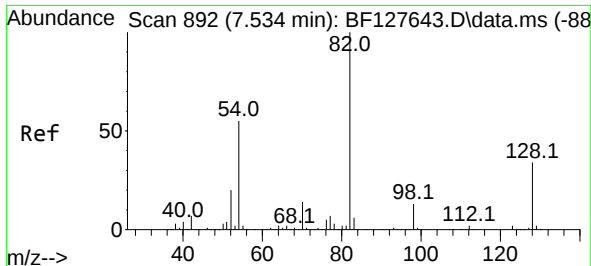
Tgt Ion: 70 Resp: 85400
Ion Ratio Lower Upper
70 100
42 50.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

Tgt Ion: 136 Resp: 465475
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 9.2 13.8#
68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 59.878 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF127701.D

Acq: 07 Apr 2022 23:53

Instrument :

BNA_F

ClientSampleId :

20220351-AMENDED-096-21-03

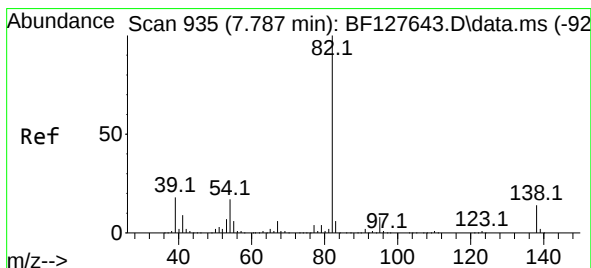
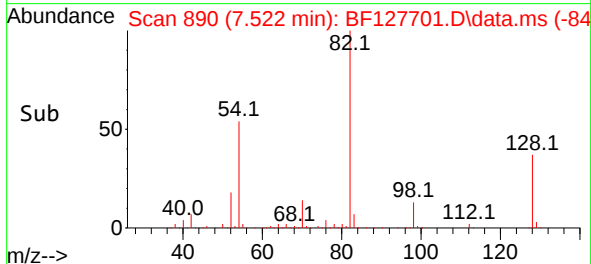
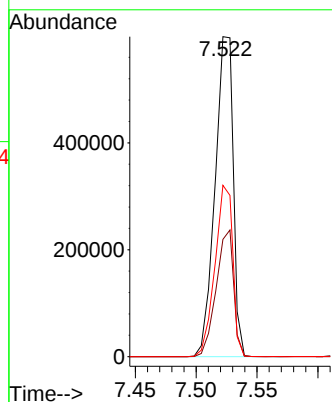
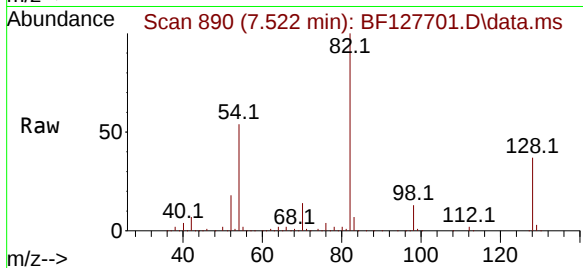
Tgt Ion: 82 Resp: 625185

Ion Ratio Lower Upper

82 100

128 36.7 30.6 45.8

54 53.6 48.2 72.2



#25

Isophorone

Concen: 34.315 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127701.D

Acq: 07 Apr 2022 23:53

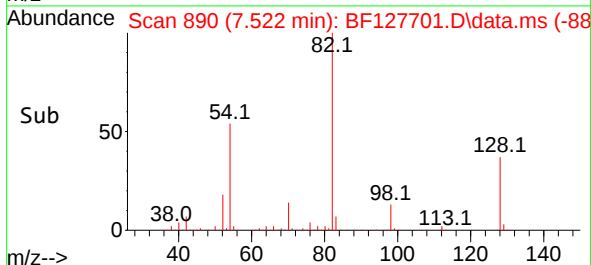
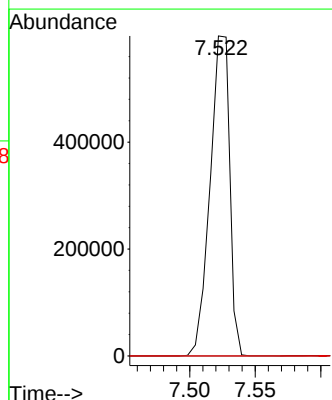
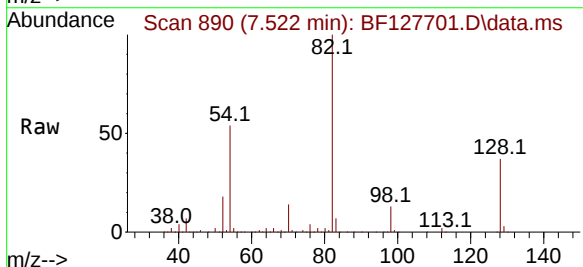
Tgt Ion: 82 Resp: 625175

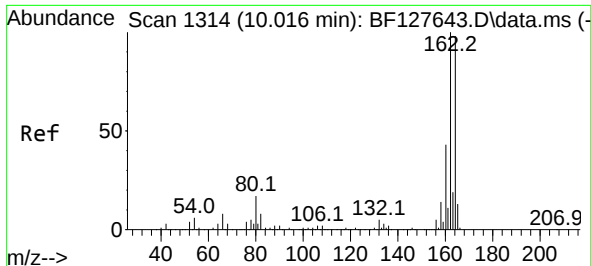
Ion Ratio Lower Upper

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: BF127701.D

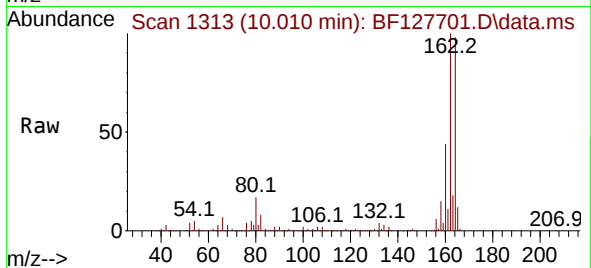
Acq: 07 Apr 2022 23:53

Instrument :

BNA_F

ClientSampleId :

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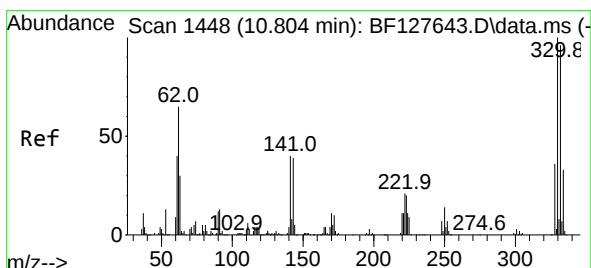
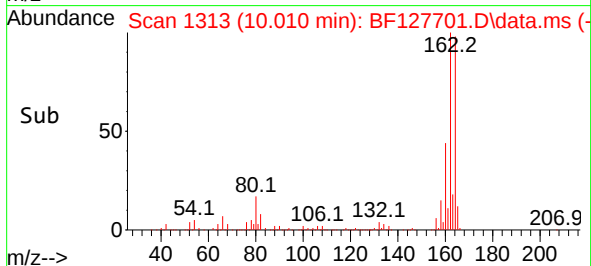
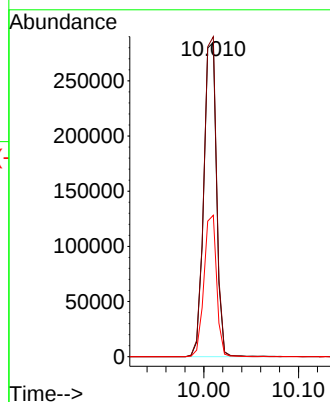
Tgt Ion:164 Resp: 266040

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

160 45.0 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 8.604 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.012 min

Lab File: BF127701.D

Acq: 07 Apr 2022 23:53

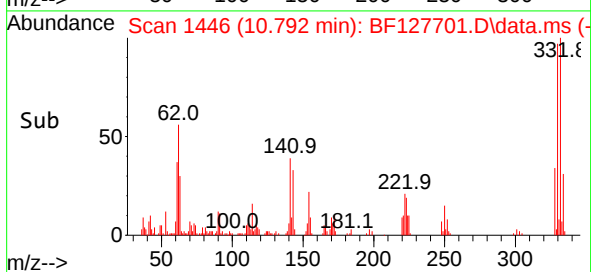
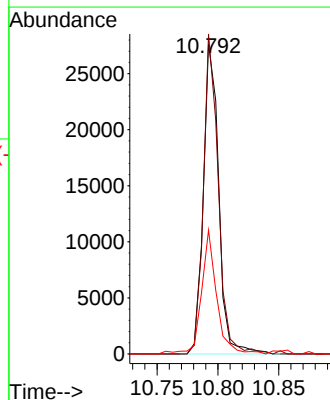
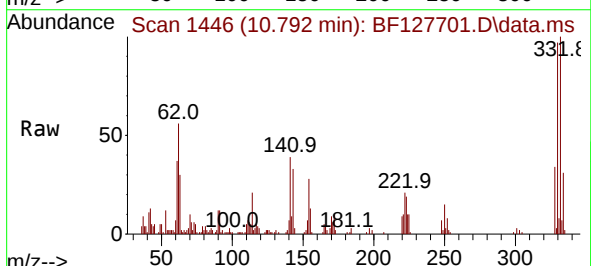
Tgt Ion:330 Resp: 24358

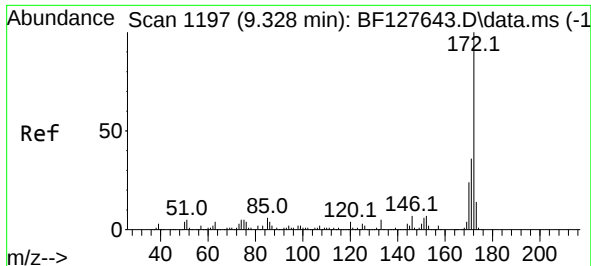
Ion Ratio Lower Upper

330 100

332 99.1 79.1 118.7

141 39.4 26.2 39.4#

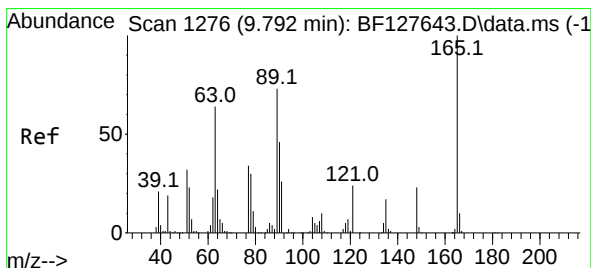
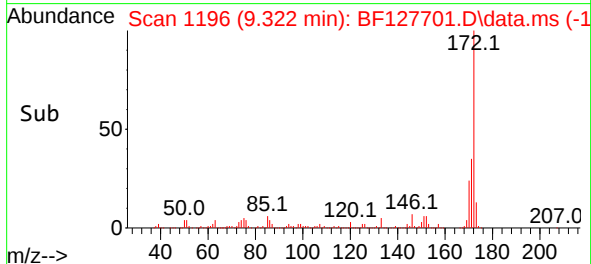
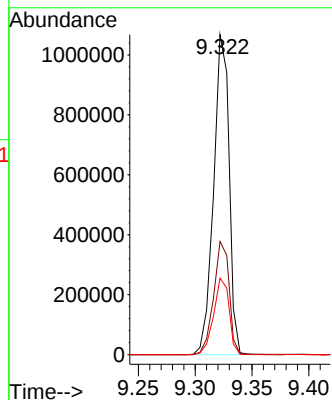
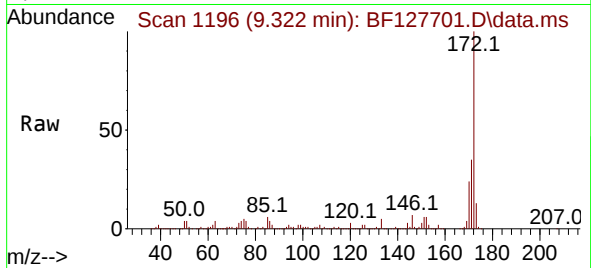




#45
2-Fluorobiphenyl
Concen: 53.983 ng
RT: 9.322 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

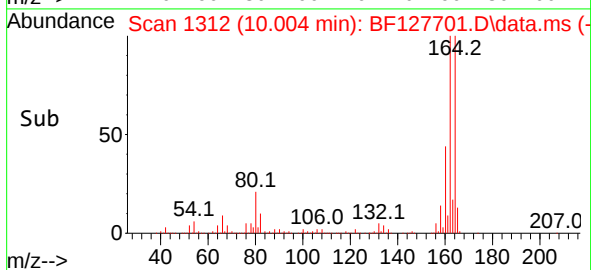
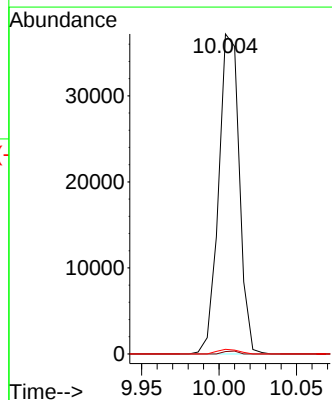
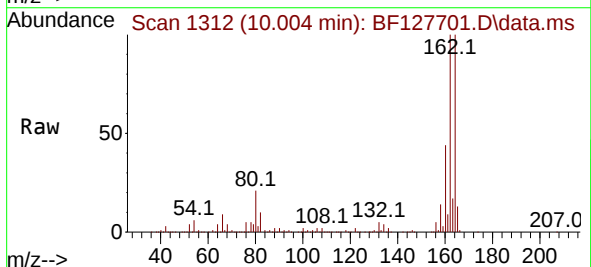
Instrument : BNA_F
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Tgt Ion:172 Resp: 1015195
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.488 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

Tgt Ion:165 Resp: 34489
Ion Ratio Lower Upper
165 100
63 0.8 58.3 87.5#
89 1.4 51.5 77.3#

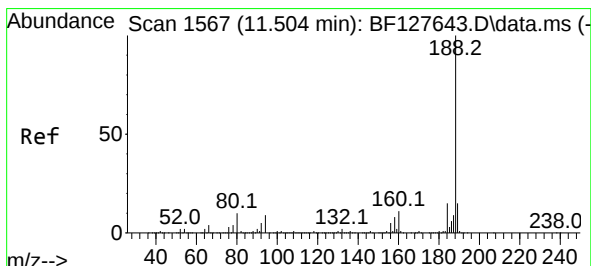
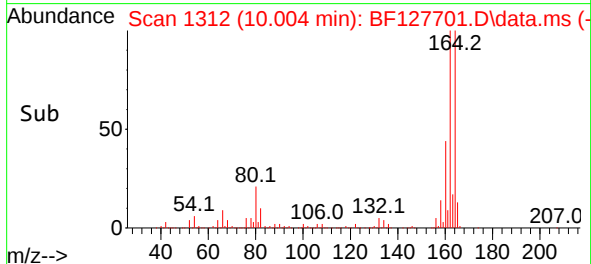
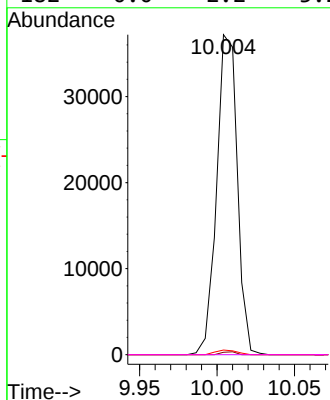
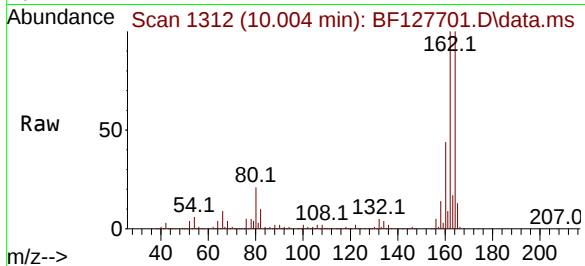




#57
2,4-Dinitrotoluene
Concen: 7.653 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

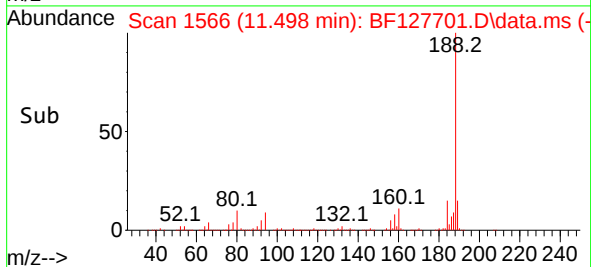
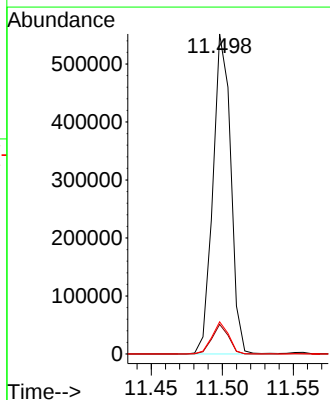
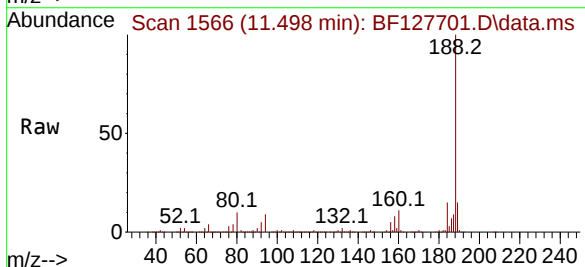
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03

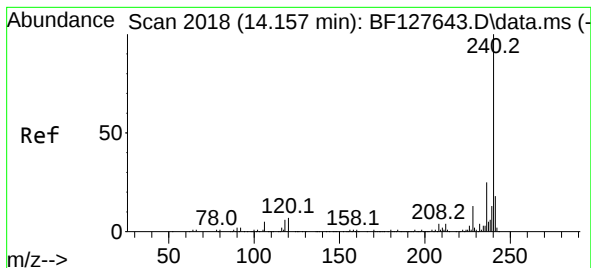
Tgt Ion:165 Resp: 34489
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127701.D
Acq: 07 Apr 2022 23:53

Tgt Ion:188 Resp: 481942
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.1 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127701.D

Acq: 07 Apr 2022 23:53

Instrument :

BNA_F

ClientSampleId :

20220351-AMENDED-096-21-03

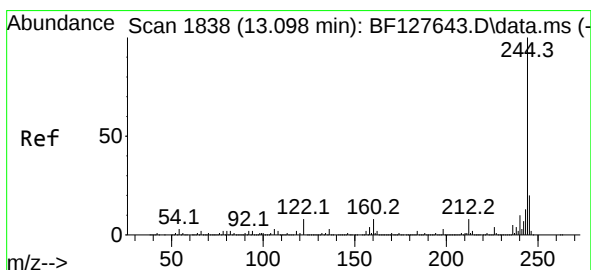
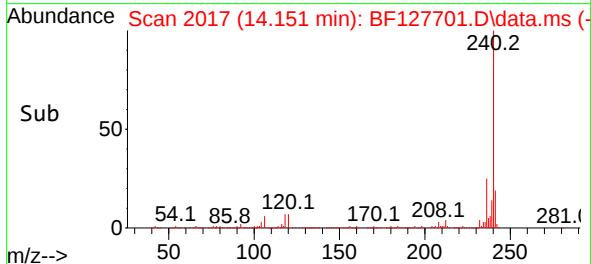
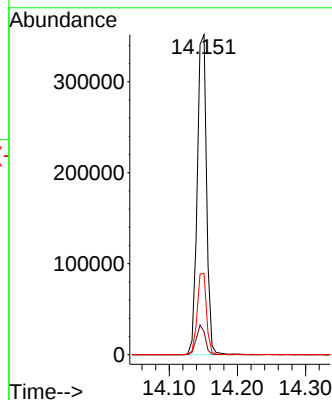
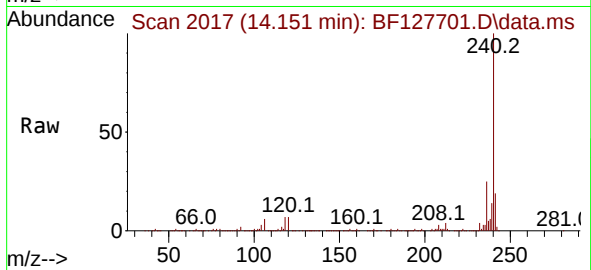
Tgt Ion:240 Resp: 336026

Ion Ratio Lower Upper

240 100

120 7.2 7.1 10.7

236 25.4 20.7 31.1



#79

Terphenyl-d14

Concen: 49.559 ng

RT: 13.092 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF127701.D

Acq: 07 Apr 2022 23:53

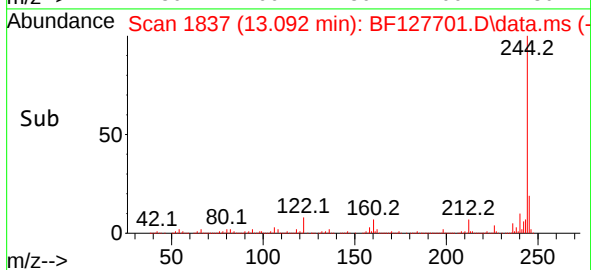
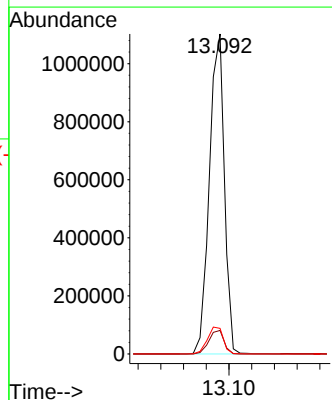
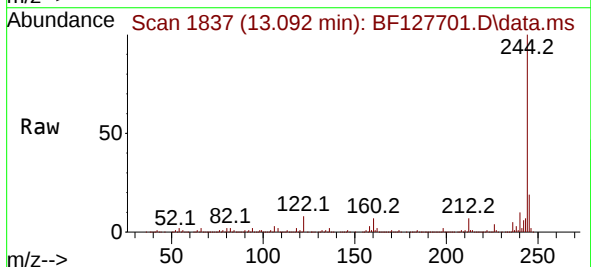
Tgt Ion:244 Resp: 1008912

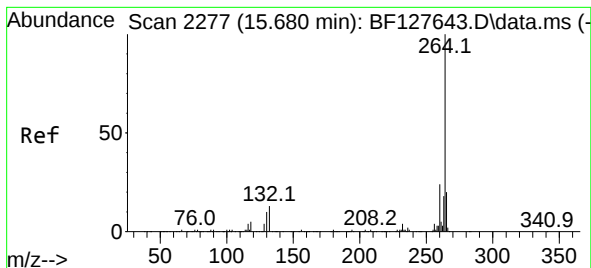
Ion Ratio Lower Upper

244 100

212 7.3 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: BF127701.D

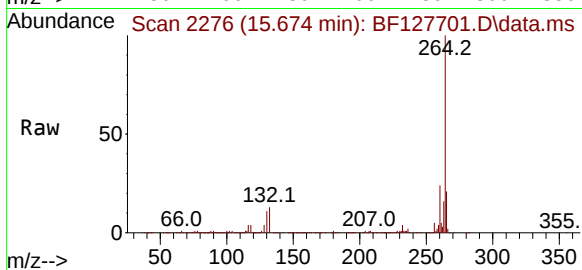
Acq: 07 Apr 2022 23:53

Instrument :

BNA_F

ClientSampleId :

20220351-AMENDED-096-21-03



Tgt Ion:264 Resp: 320680

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 20.6 17.4 26.2

