

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127700.D
 Acq On : 07 Apr 2022 23:24
 Operator : CG\JU
 Sample : N2207-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220350-AMENDED-096-21-02

Quant Time: Apr 08 04:46:54 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)

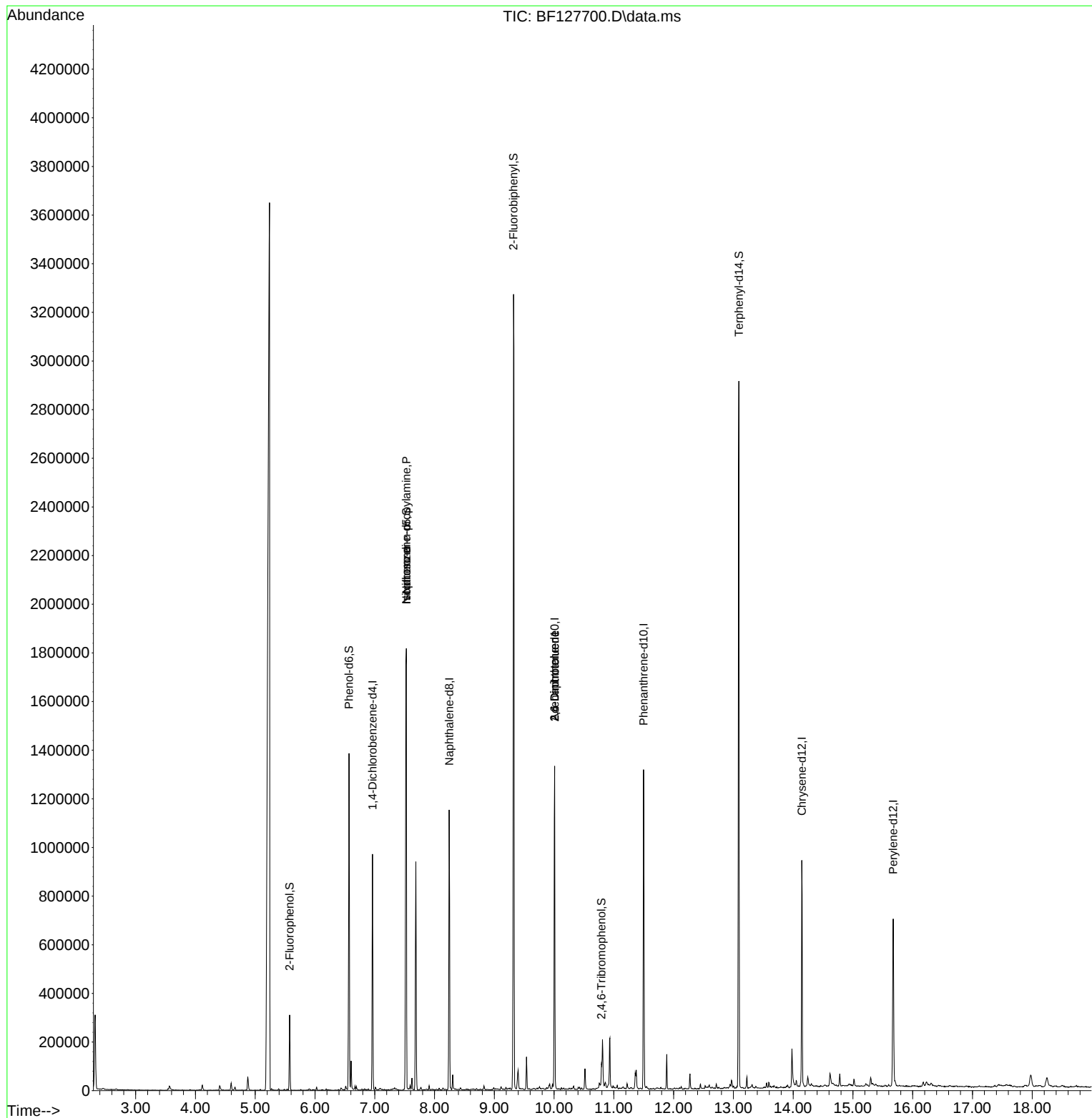
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	129332	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	466794	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	265997	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	464293	20.000	ng	0.00
76) Chrysene-d12	14.145	240	319280	20.000	ng	-0.01
86) Perylene-d12	15.674	264	319392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	69456	8.726	ng	0.00
7) Phenol-d6	6.569	99	404971	38.893	ng	-0.01
23) Nitrobenzene-d5	7.528	82	653258	62.390	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	9520	3.363	ng	-0.01
45) 2-Fluorobiphenyl	9.322	172	1075853	57.218	ng	0.00
79) Terphenyl-d14	13.092	244	1028573	53.175	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2960	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.528	70	89241	13.251	ng	# 73
25) Isophorone	7.528	82	653241	35.754	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	34356	9.453	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	34356	7.625	ng	# 14

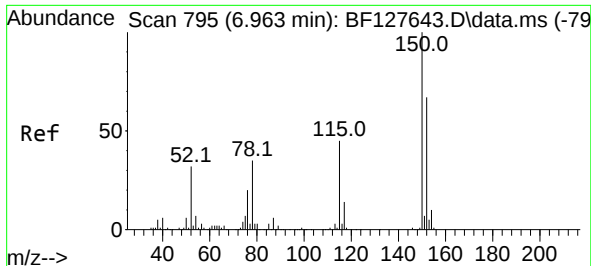
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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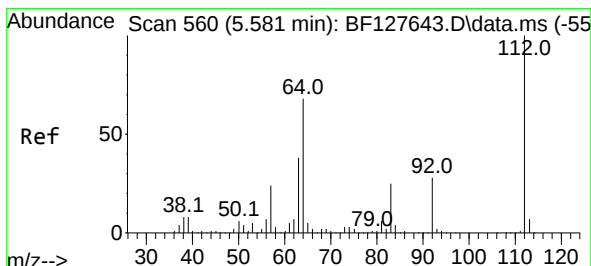
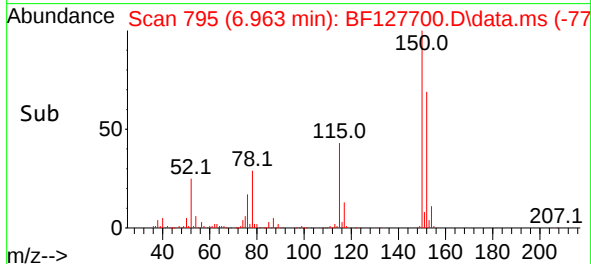
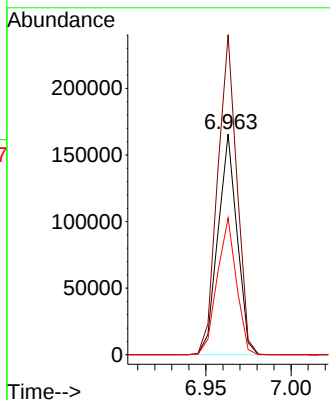
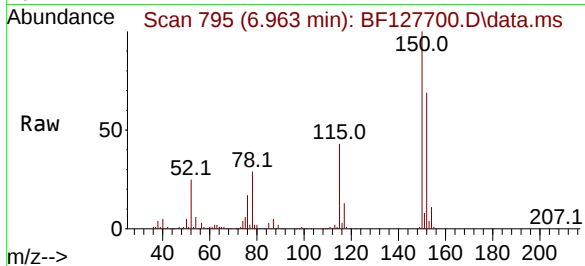




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

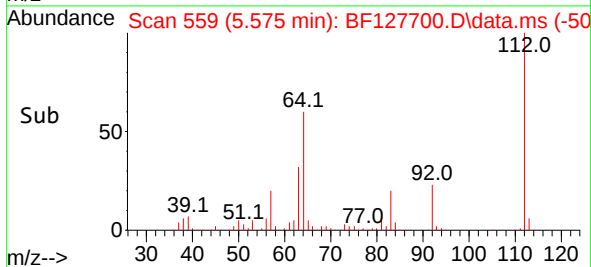
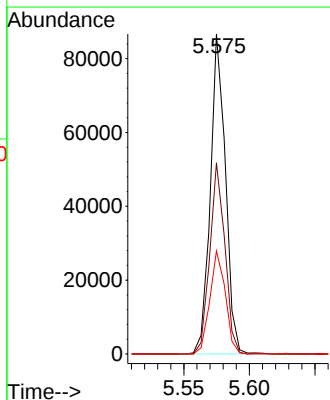
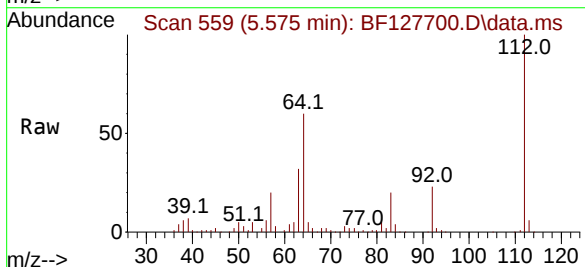
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02

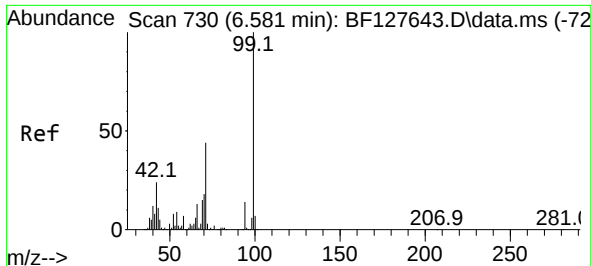
Tgt Ion:152 Resp: 129332
Ion Ratio Lower Upper
152 100
150 145.0 117.2 175.8
115 62.0 49.8 74.6



#5
2-Fluorophenol
Concen: 8.726 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

Tgt Ion:112 Resp: 69456
Ion Ratio Lower Upper
112 100
64 59.8 58.4 87.6
63 32.2 30.1 45.1

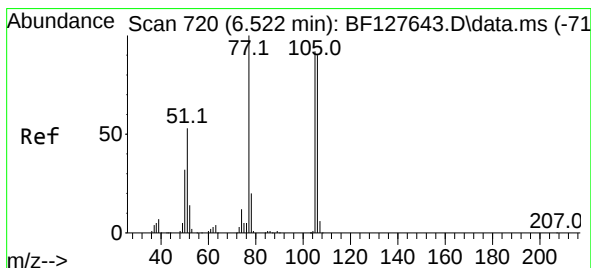
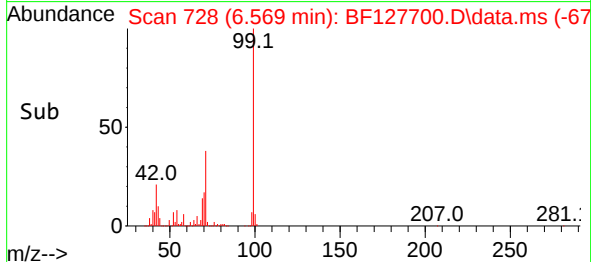
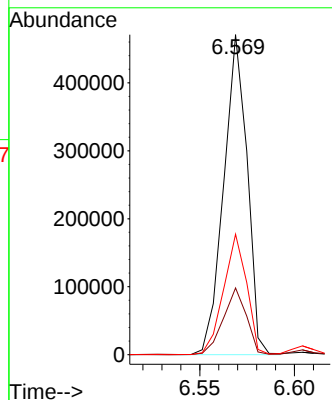
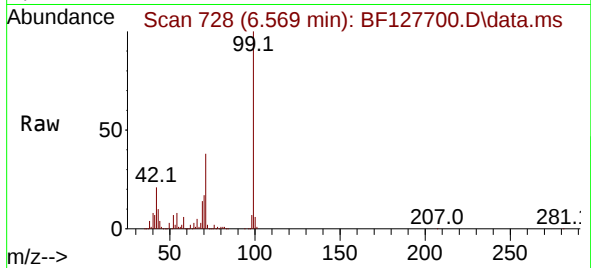




#7
Phenol-d6
Concen: 38.893 ng
RT: 6.569 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

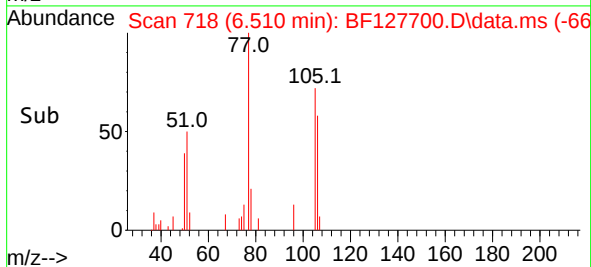
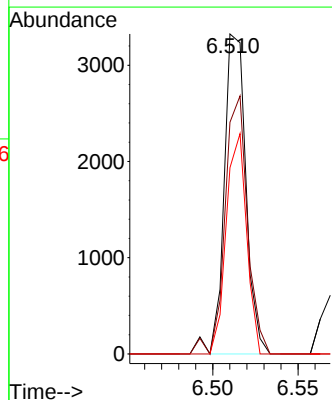
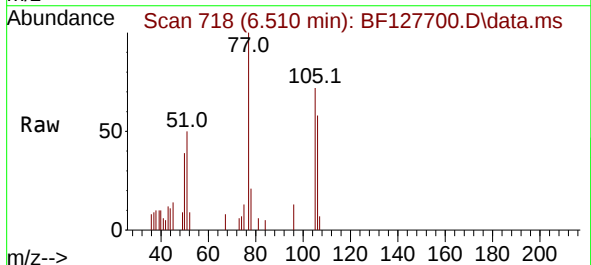
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02

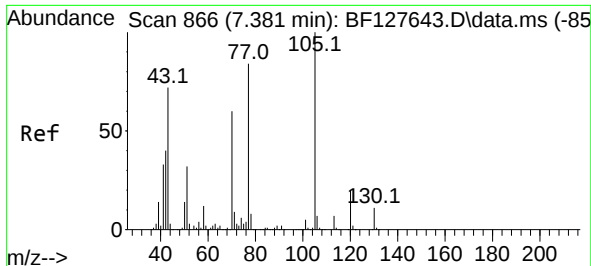
Tgt Ion: 99 Resp: 404971
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 37.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

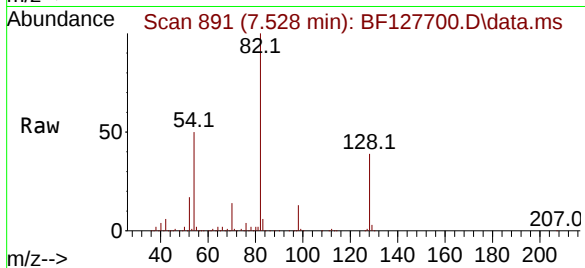
Tgt Ion: 77 Resp: 2960
Ion Ratio Lower Upper
77 100
105 72.4 66.8 106.8
106 58.2 64.3 104.3



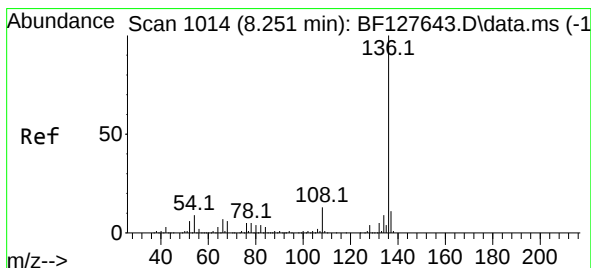
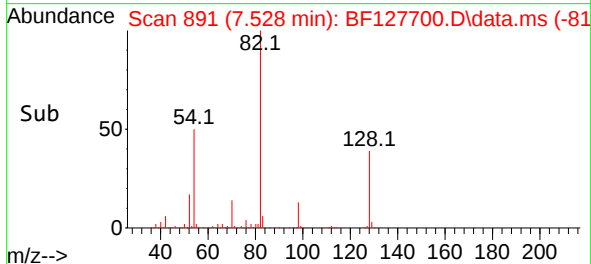
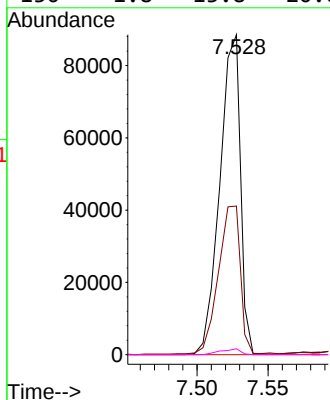


#19
n-Nitroso-di-n-propylamine
Concen: 13.251 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02

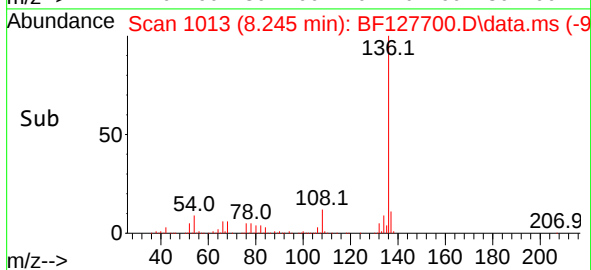
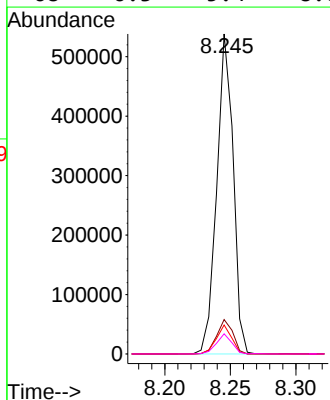
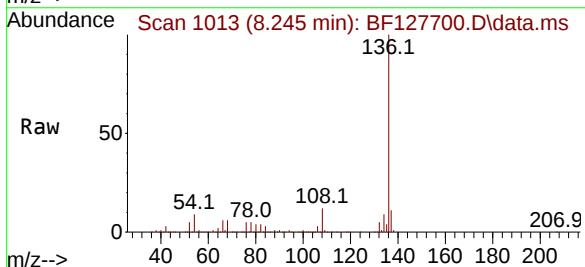


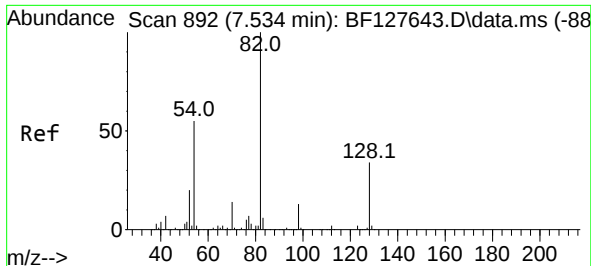
Tgt Ion: 70 Resp: 89241
Ion Ratio Lower Upper
70 100
42 46.5 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

Tgt Ion: 136 Resp: 466794
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 9.2 13.8#
68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 62.390 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127700.D

Acq: 07 Apr 2022 23:24

Instrument :

BNA_F

ClientSampleId :

20220350-AMENDED-096-21-02

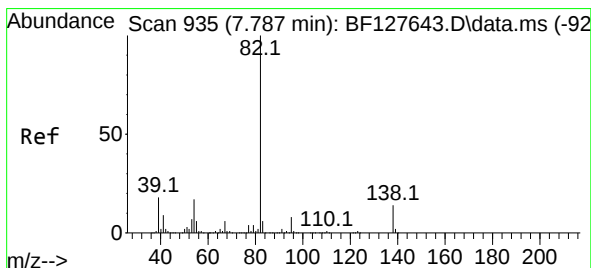
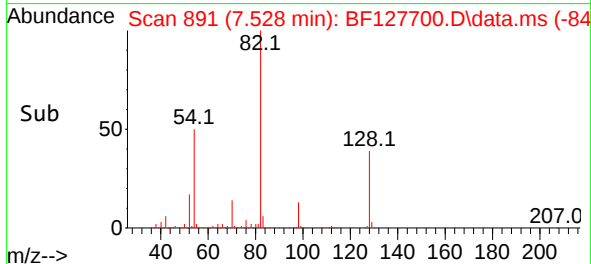
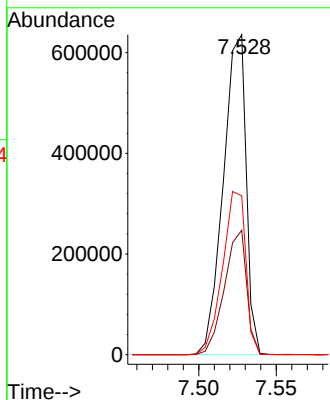
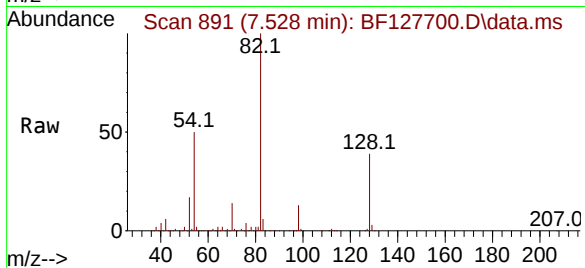
Tgt Ion: 82 Resp: 653258

Ion Ratio Lower Upper

82 100

128 38.9 30.6 45.8

54 49.7 48.2 72.2



#25

Isophorone

Concen: 35.754 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127700.D

Acq: 07 Apr 2022 23:24

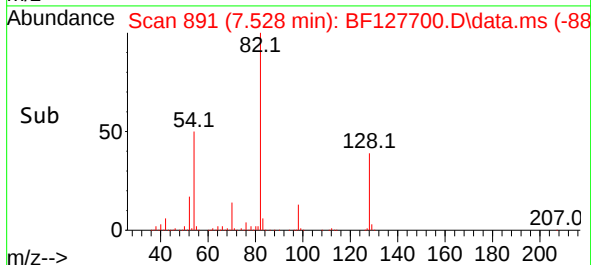
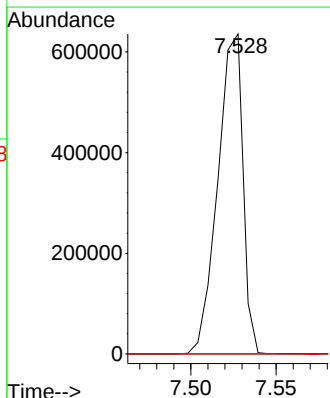
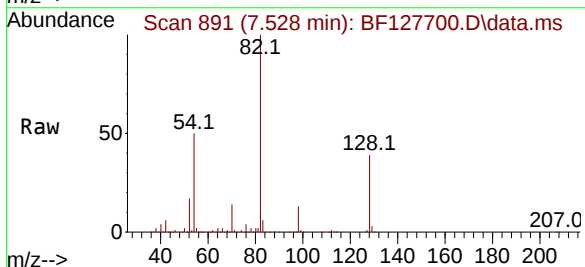
Tgt Ion: 82 Resp: 653241

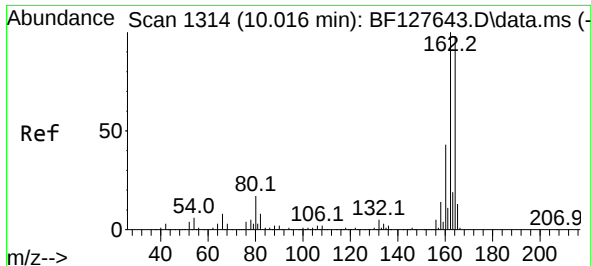
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

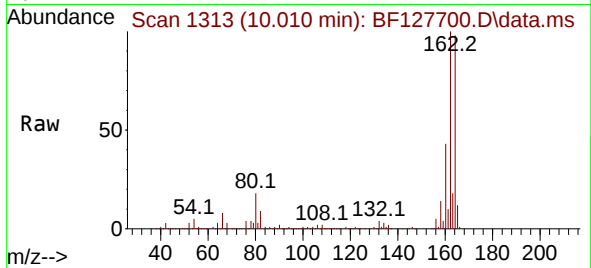
138 0.0 11.6 17.4#



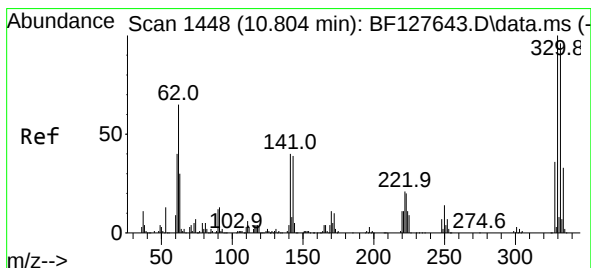
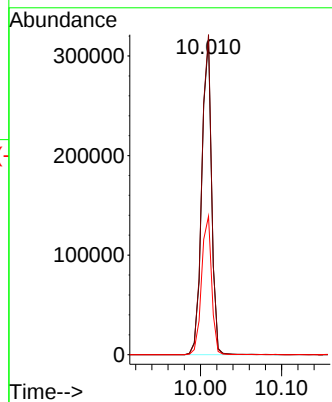
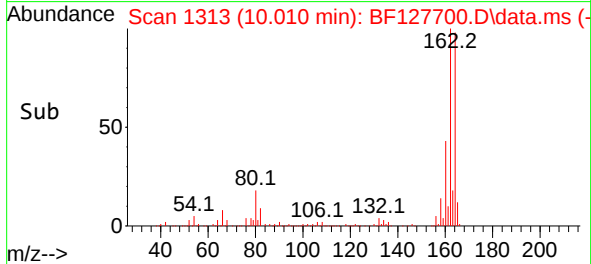


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

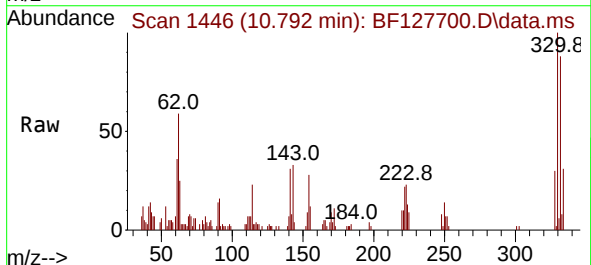
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02



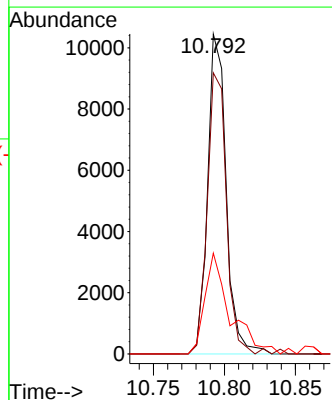
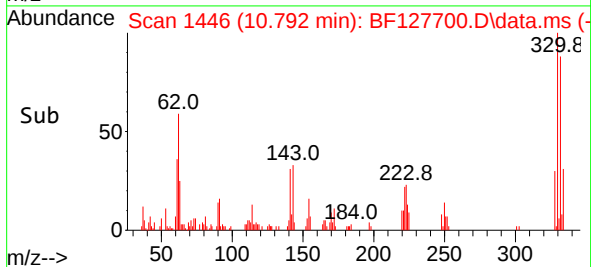
Tgt Ion:164 Resp: 265997
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 44.0 34.6 52.0

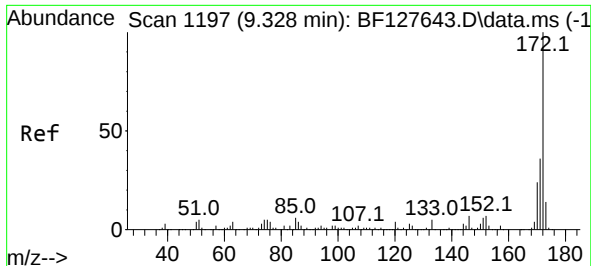


#42
2,4,6-Tribromophenol
Concen: 3.363 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24



Tgt Ion:330 Resp: 9520
Ion Ratio Lower Upper
330 100
332 90.2 79.1 118.7
141 42.6 26.2 39.4#





#45

2-Fluorobiphenyl

Concen: 57.218 ng

RT: 9.322 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127700.D

Acq: 07 Apr 2022 23:24

Instrument :

BNA_F

ClientSampleId :

20220350-AMENDED-096-21-02

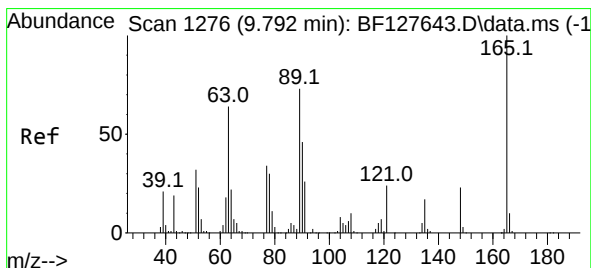
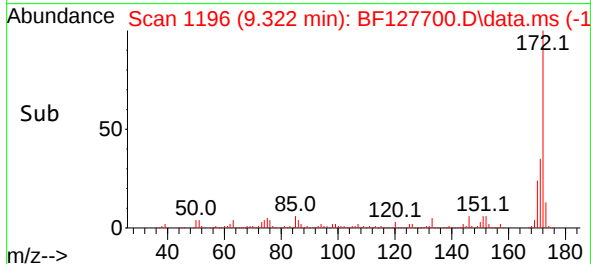
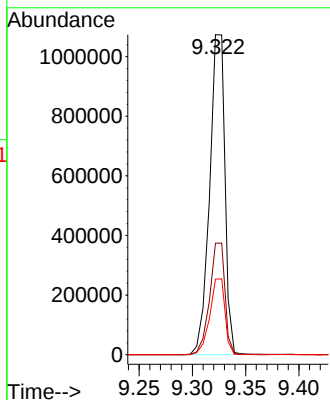
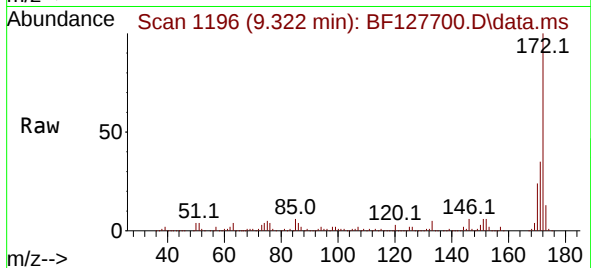
Tgt Ion:172 Resp: 1075853

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.453 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127700.D

Acq: 07 Apr 2022 23:24

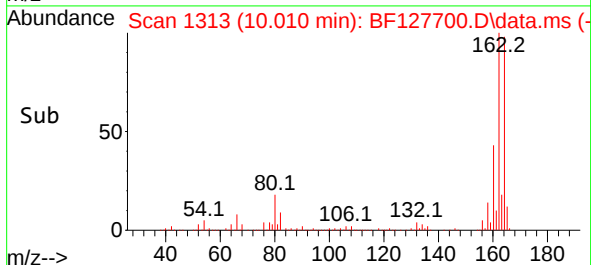
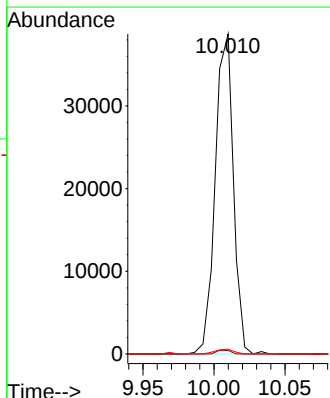
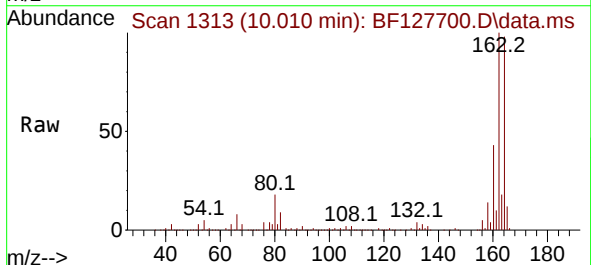
Tgt Ion:165 Resp: 34356

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.5 51.5 77.3#

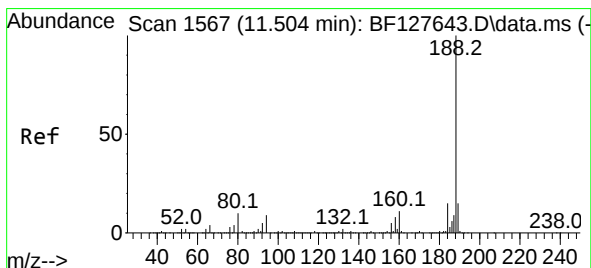
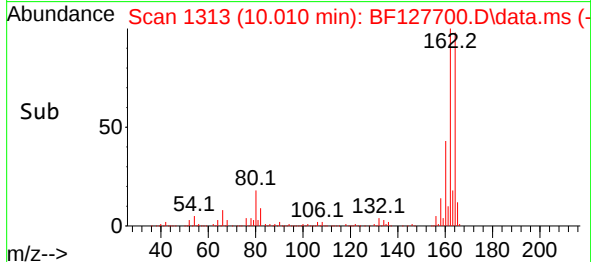
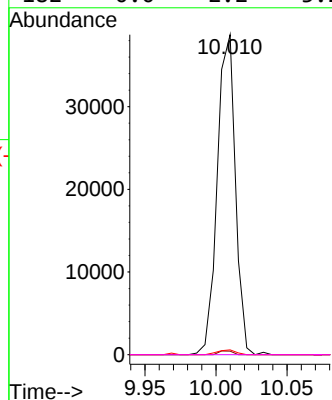
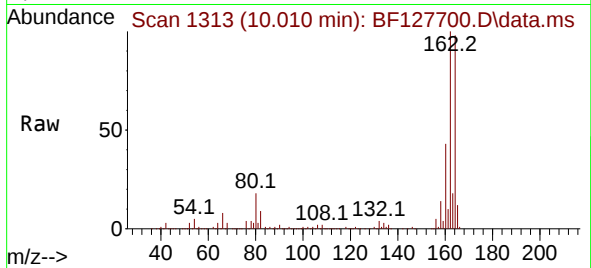




#57
2,4-Dinitrotoluene
Concen: 7.625 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

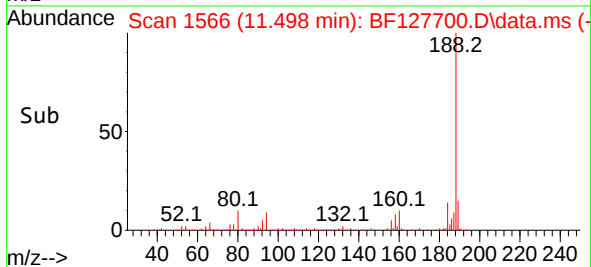
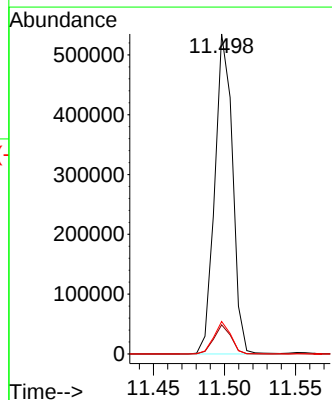
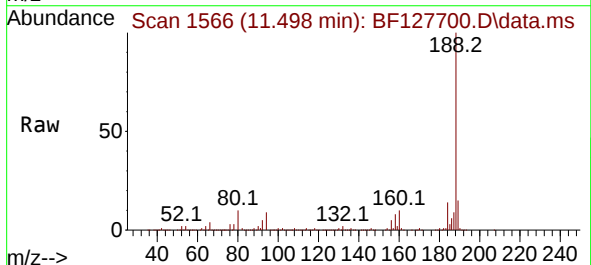
Instrument :
BNA_F
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20220350-AMENDED-096-21-02

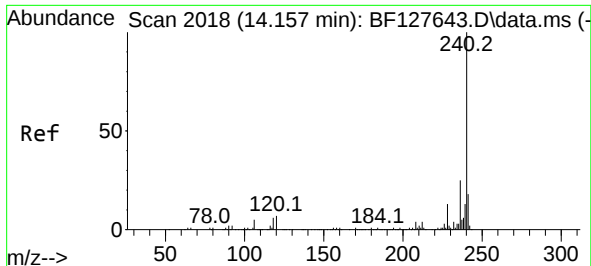
Tgt Ion:165 Resp: 34356
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

Tgt Ion:188 Resp: 464293
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.2 8.0 12.0

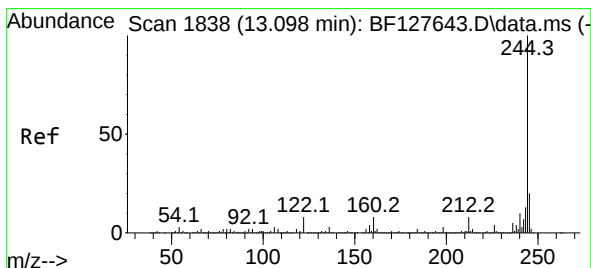
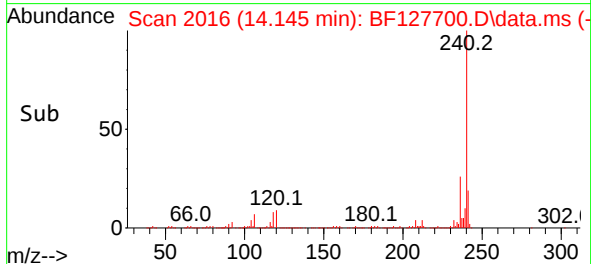
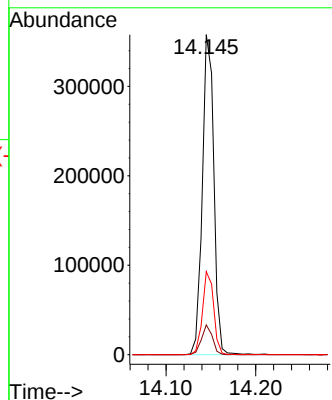
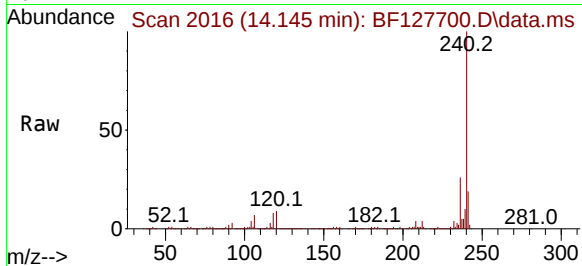




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

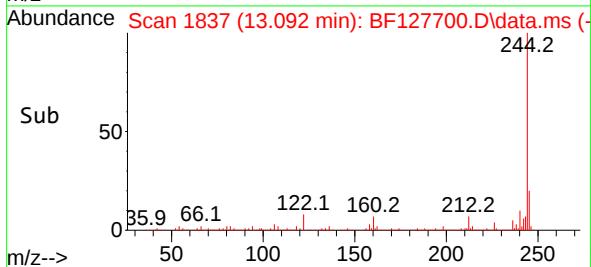
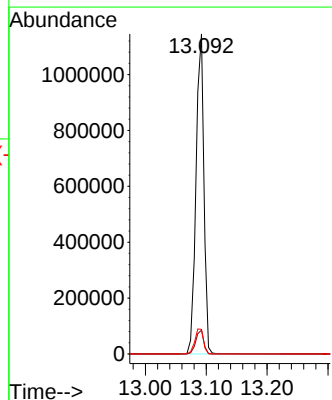
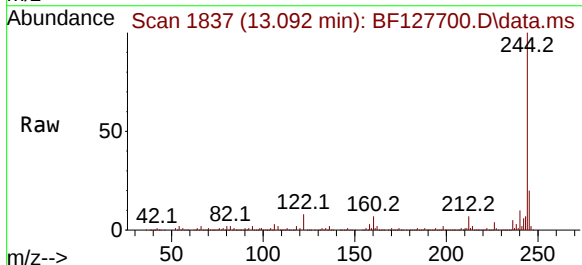
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02

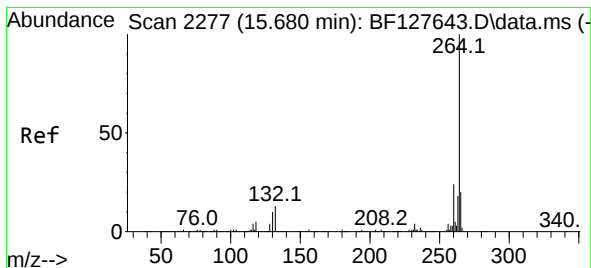
Tgt Ion:240 Resp: 319280
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 53.175 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127700.D
Acq: 07 Apr 2022 23:24

Tgt Ion:244 Resp: 1028573
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 7.7 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: BF127700.D

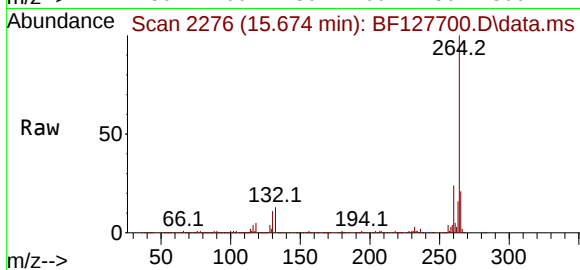
Acq: 07 Apr 2022 23:24

Instrument :

BNA_F

ClientSampleId :

20220350-AMENDED-096-21-02



Tgt Ion:264 Resp: 319392

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.1 17.4 26.2

