

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127768.D
 Acq On : 12 Apr 2022 20:01
 Operator : CG\JU
 Sample : N2334-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

Quant Time: Apr 13 07:25:30 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 13 07:19:18 2022
 Response via : Initial Calibration

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

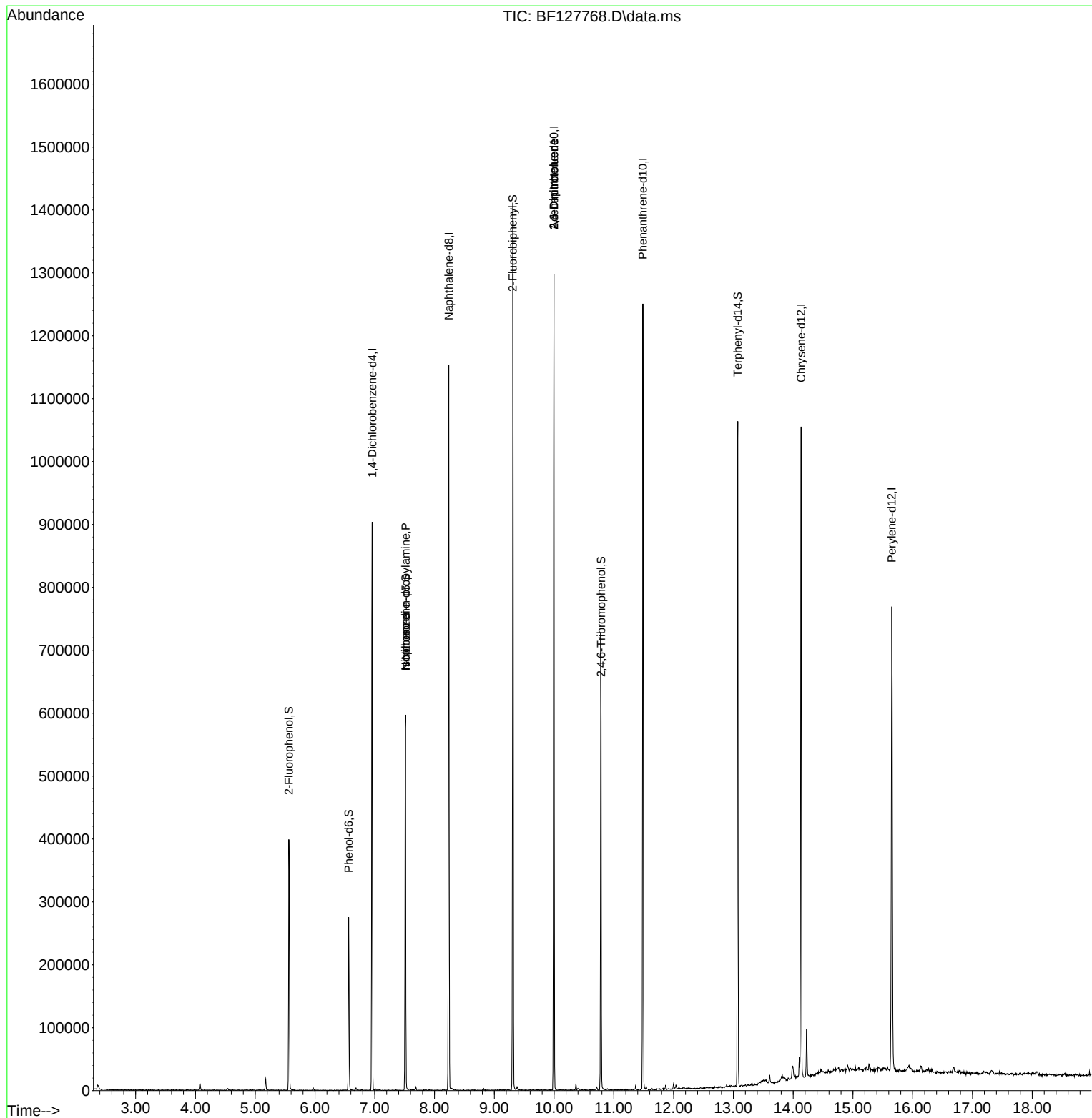
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	128450	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	449010	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	249477	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	426270	20.000	ng	0.00
76) Chrysene-d12	14.133	240	344481	20.000	ng	0.00
86) Perylene-d12	15.651	264	357428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	98494	12.460	ng	-0.02
7) Phenol-d6	6.563	99	75838	7.333	ng	-0.02
23) Nitrobenzene-d5	7.516	82	192407	19.104	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	81829	30.823	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	380326	21.566	ng	-0.01
79) Terphenyl-d14	13.074	244	383158	18.359	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.563	77	177	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	24781	3.705	ng	# 72
25) Isophorone	7.516	82	192436	10.950	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	31939	9.370	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	31939	7.558	ng	# 14

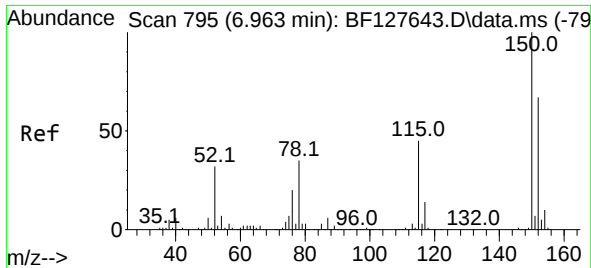
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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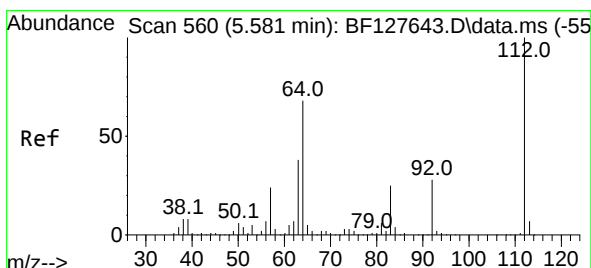
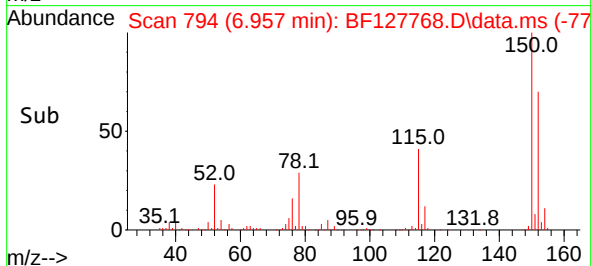
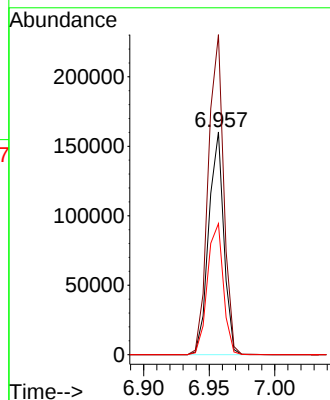
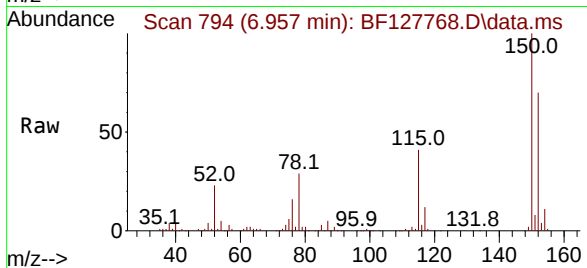




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127768.D
 Acq: 12 Apr 2022 20:01

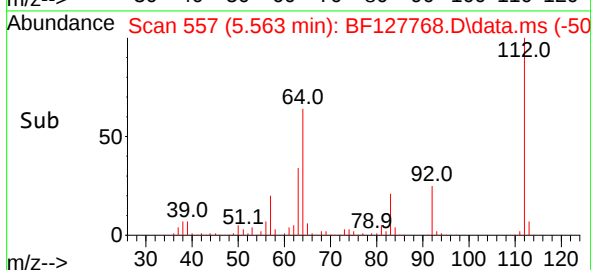
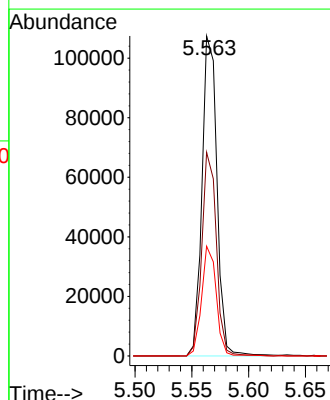
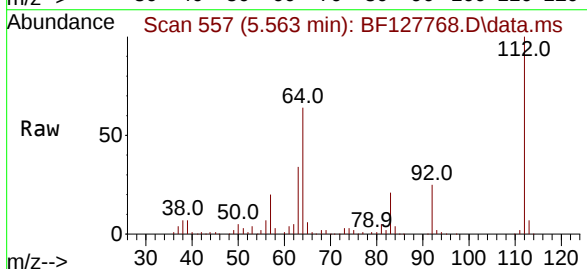
Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

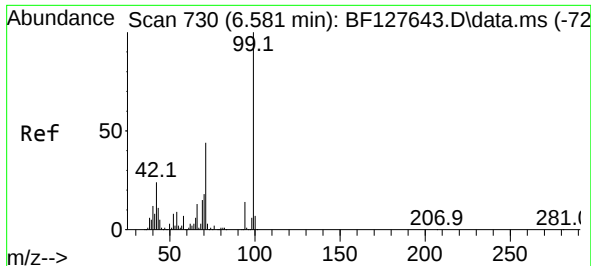
Tgt Ion:152 Resp: 128450
 Ion Ratio Lower Upper
 152 100
 150 143.7 117.2 175.8
 115 58.9 49.8 74.6



#5
 2-Fluorophenol
 Concen: 12.460 ng
 RT: 5.563 min Scan# 557
 Delta R.T. -0.018 min
 Lab File: BF127768.D
 Acq: 12 Apr 2022 20:01

Tgt Ion:112 Resp: 98494
 Ion Ratio Lower Upper
 112 100
 64 63.7 58.4 87.6
 63 34.3 30.1 45.1

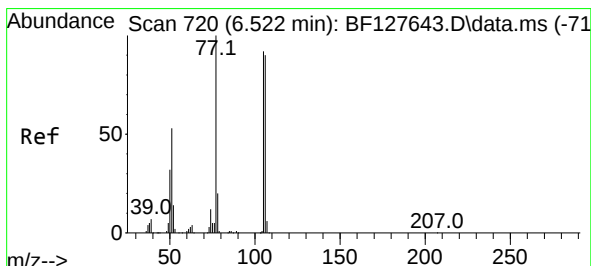
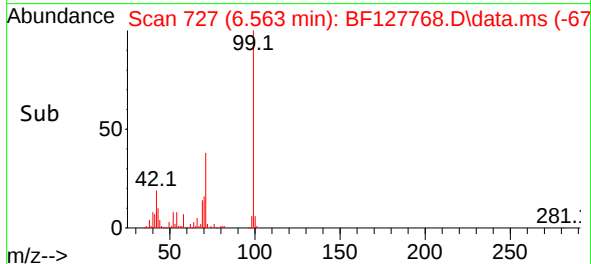
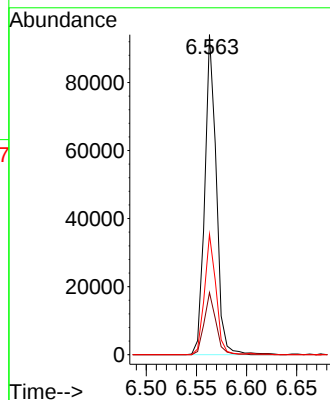
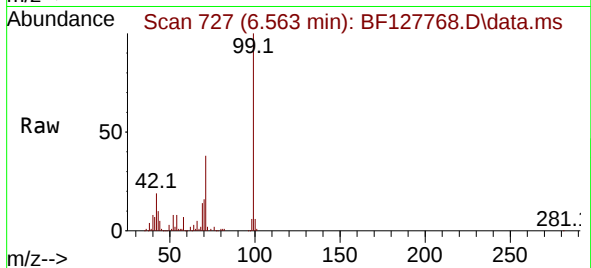




#7
Phenol-d6
Concen: 7.333 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127768.D
Acq: 12 Apr 2022 20:01

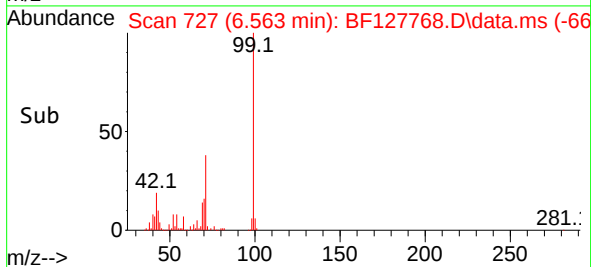
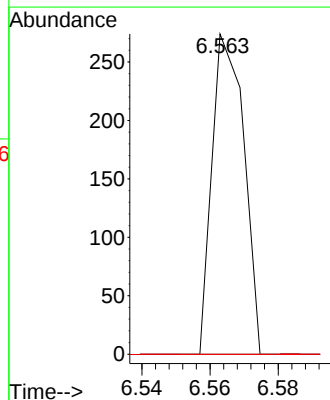
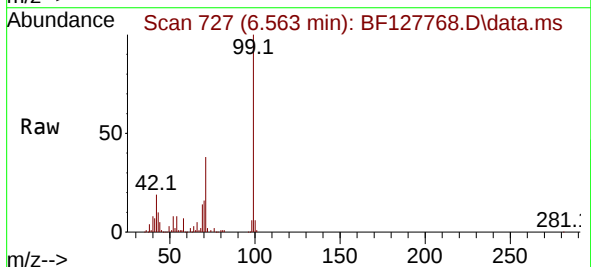
Instrument :
BNA_F
ClientSampleId :
MW-19R

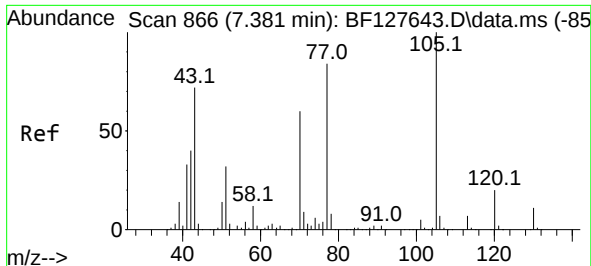
Tgt Ion: 99 Resp: 75838
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.6
71 37.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.563 min Scan# 727
Delta R.T. 0.047 min
Lab File: BF127768.D
Acq: 12 Apr 2022 20:01

Tgt Ion: 77 Resp: 177
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: 3.705 ng

RT: 7.516 min Scan# 8

Delta R.T. 0.147 min

Lab File: BF127768.D

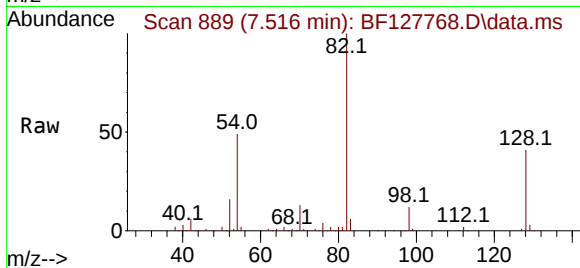
Acq: 12 Apr 2022 20:01

Instrument :

BNA_F

ClientSampleId :

MW-19R



Tgt Ion: 70 Resp: 24781

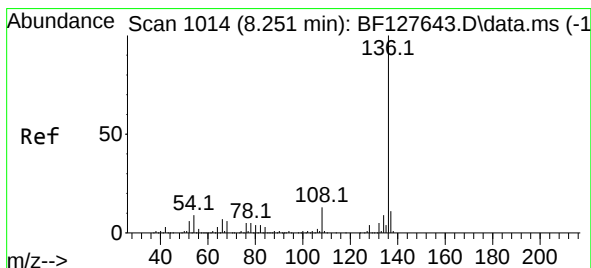
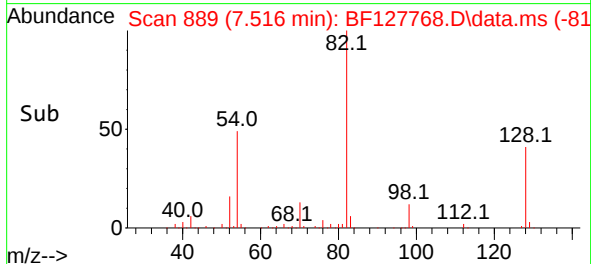
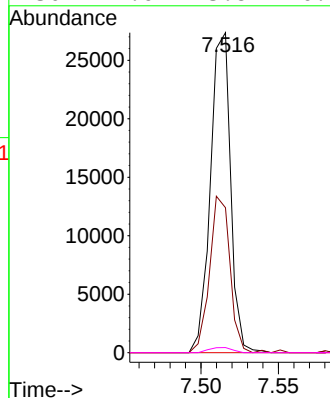
Ion Ratio Lower Upper

70 100

42 45.3 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

Tgt Ion:136 Resp: 449010

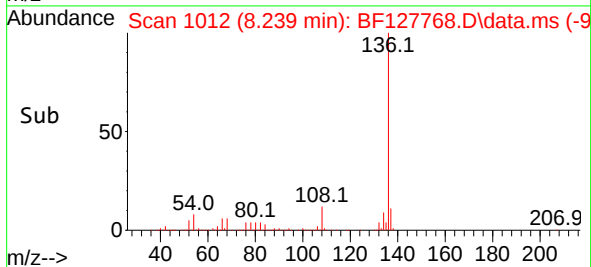
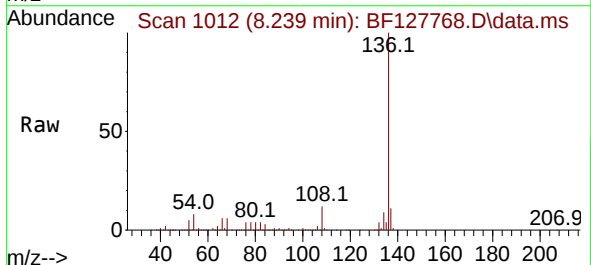
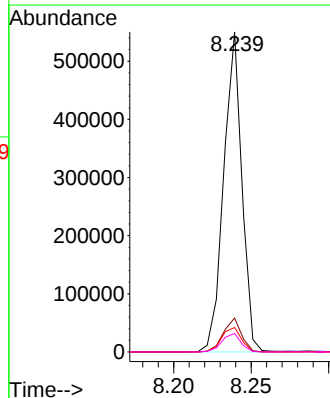
Ion Ratio Lower Upper

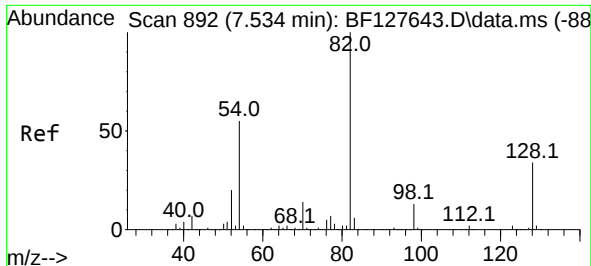
136 100

137 10.6 8.6 13.0

54 7.7 9.2 13.8#

68 5.8 5.4 8.0





#23

Nitrobenzene-d5

Concen: 19.104 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

Instrument :

BNA_F

ClientSampleId :

MW-19R

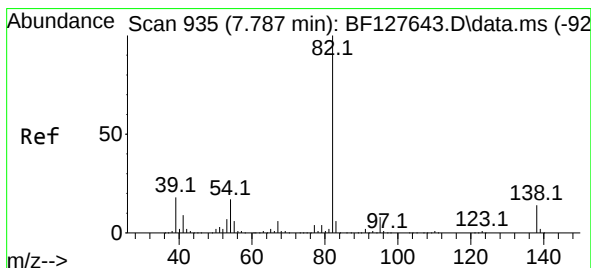
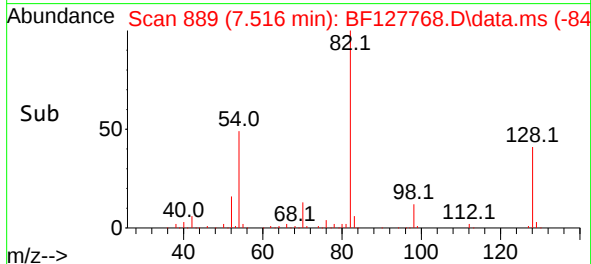
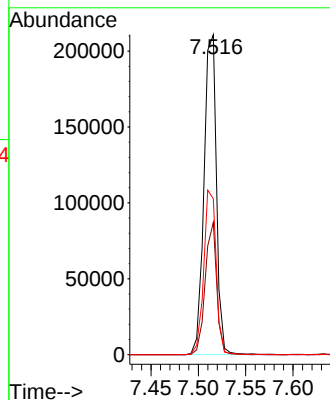
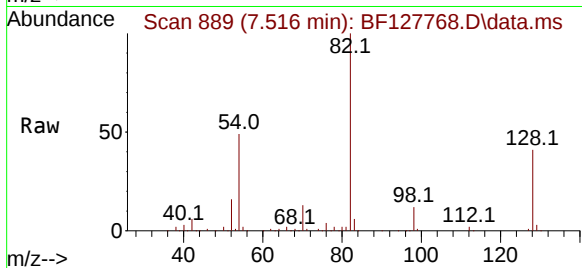
Tgt Ion: 82 Resp: 192407

Ion Ratio Lower Upper

82 100

128 41.3 30.6 45.8

54 48.8 48.2 72.2



#25

Isophorone

Concen: 10.950 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.265 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

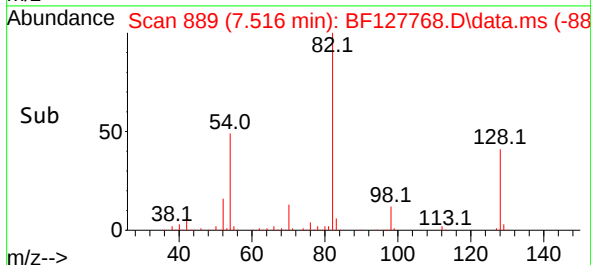
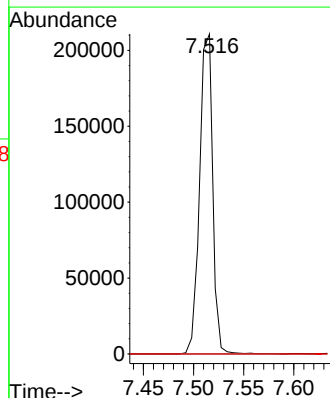
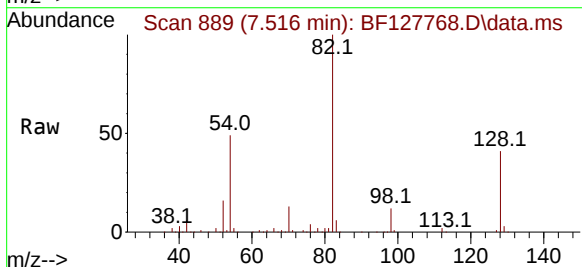
Tgt Ion: 82 Resp: 192436

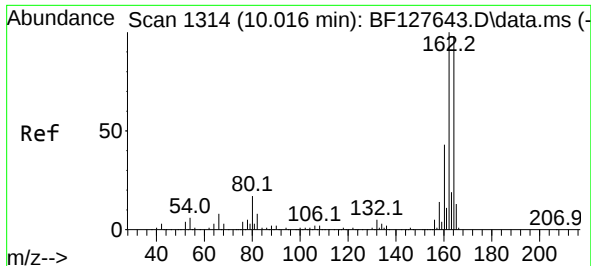
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

Instrument :

BNA_F

ClientSampleId :

MW-19R

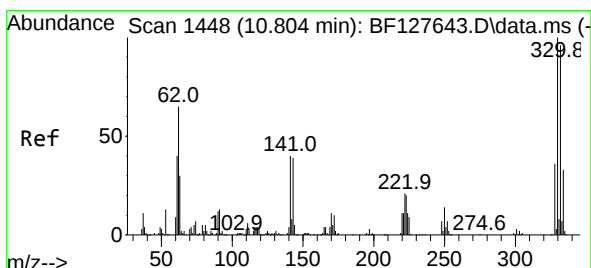
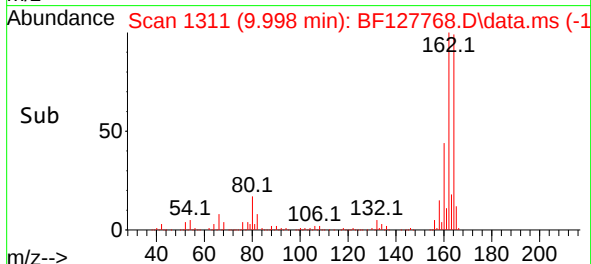
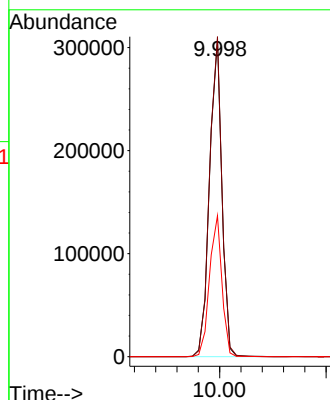
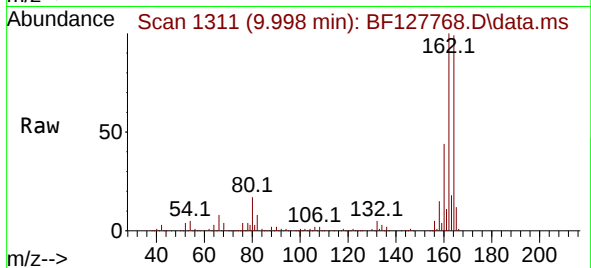
Tgt Ion:164 Resp: 249477

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

160 44.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 30.823 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

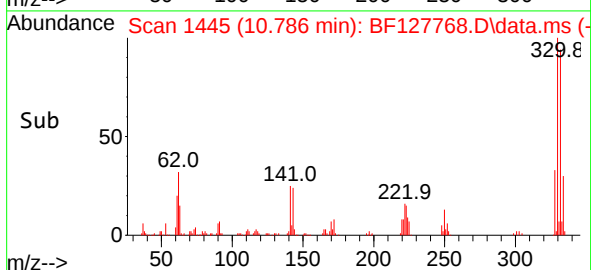
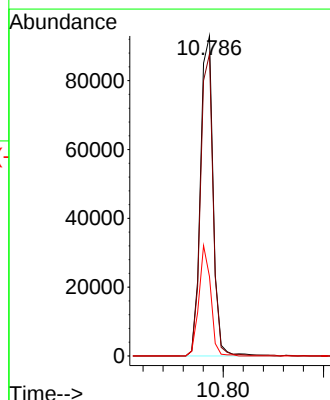
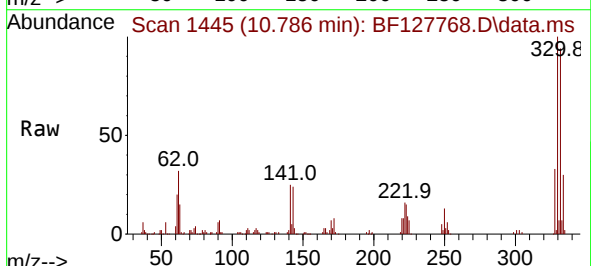
Tgt Ion:330 Resp: 81829

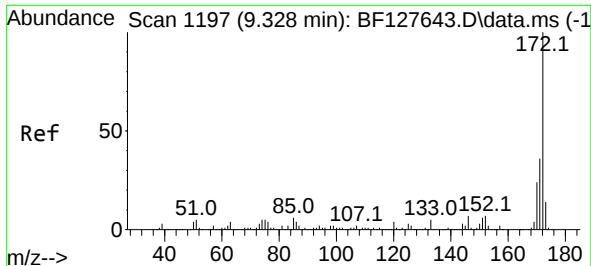
Ion Ratio Lower Upper

330 100

332 94.2 79.1 118.7

141 31.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 21.566 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

Instrument :

BNA_F

ClientSampleId :

MW-19R

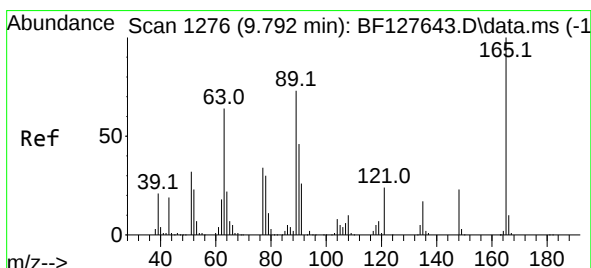
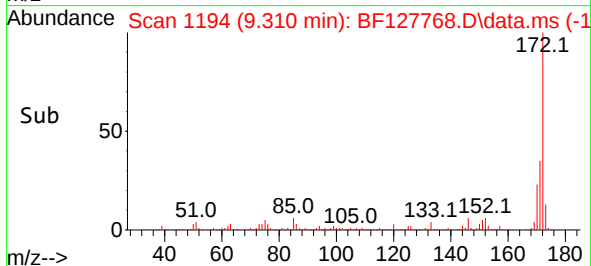
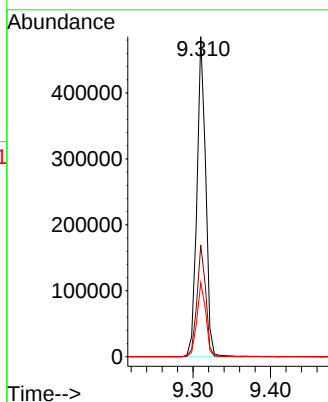
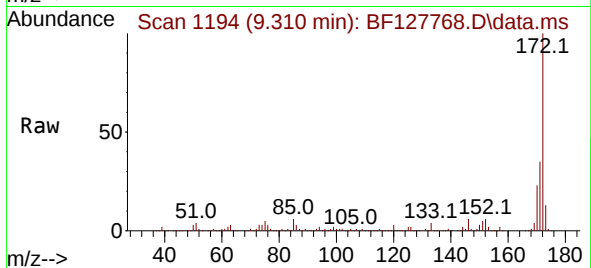
Tgt Ion:172 Resp: 380326

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.370 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

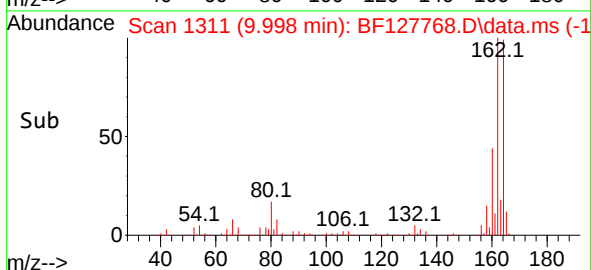
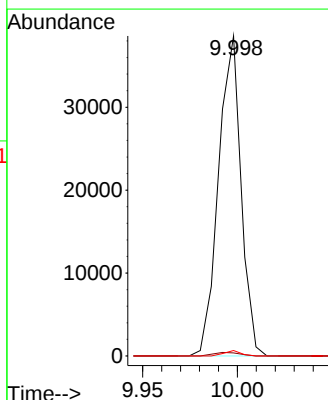
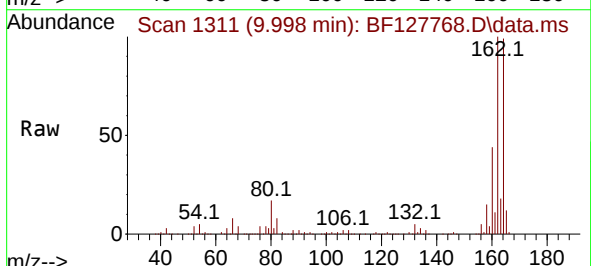
Tgt Ion:165 Resp: 31939

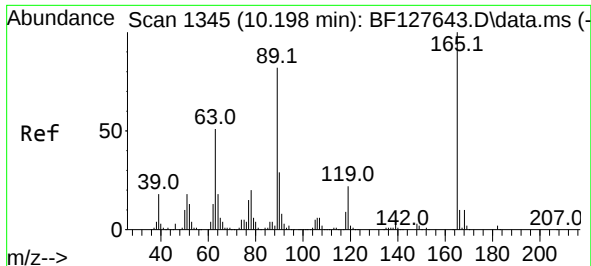
Ion Ratio Lower Upper

165 100

63 0.9 58.3 87.5#

89 1.7 51.5 77.3#

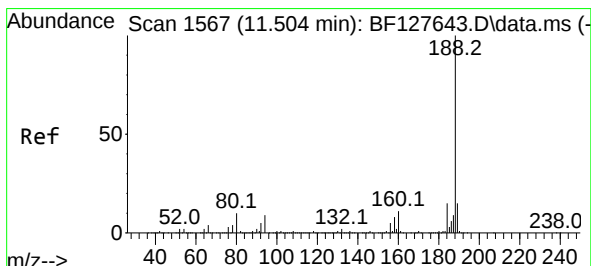
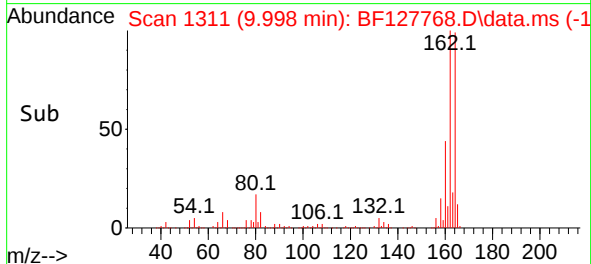
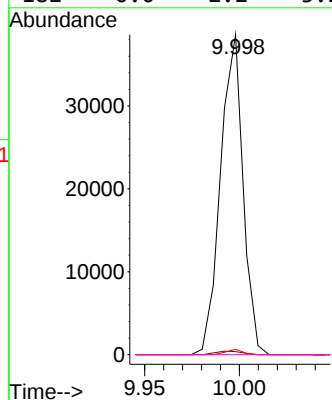
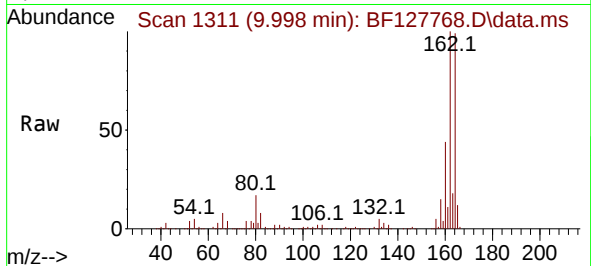




#57
2,4-Dinitrotoluene
Concen: 7.558 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127768.D
Acq: 12 Apr 2022 20:01

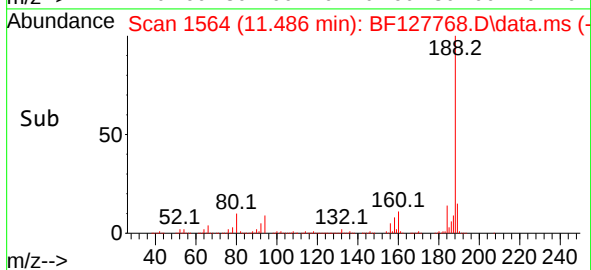
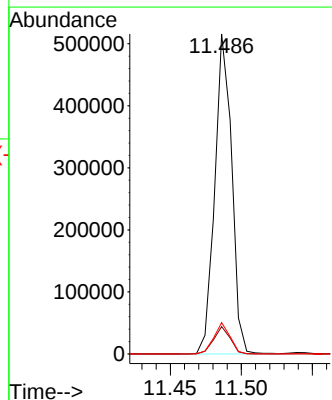
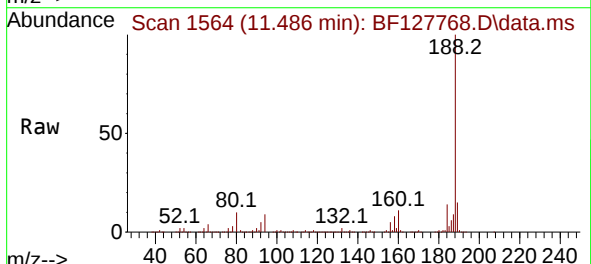
Instrument :
BNA_F
ClientSampleId :
MW-19R

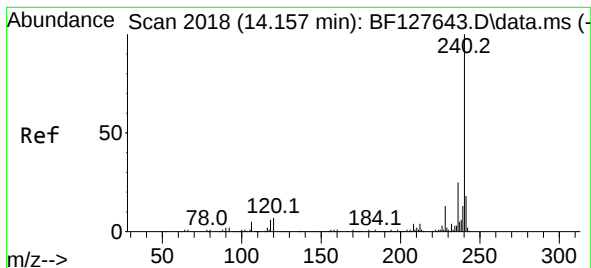
Tgt Ion:165 Resp: 31939
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127768.D
Acq: 12 Apr 2022 20:01

Tgt Ion:188 Resp: 426270
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.8 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

Instrument :

BNA_F

ClientSampleId :

MW-19R

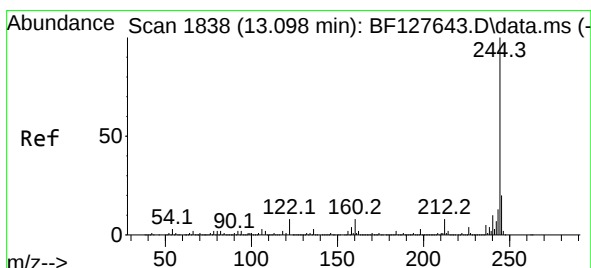
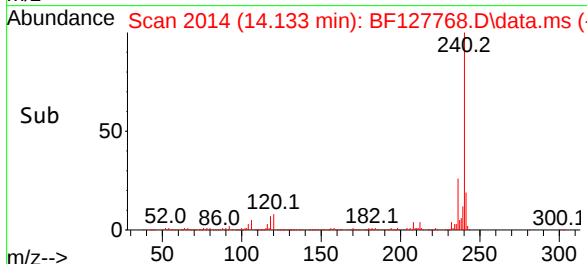
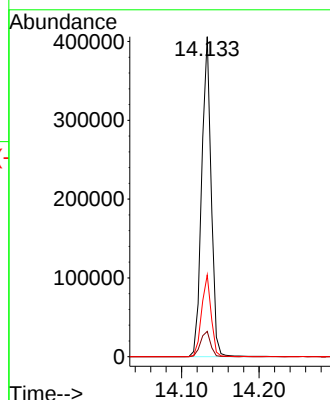
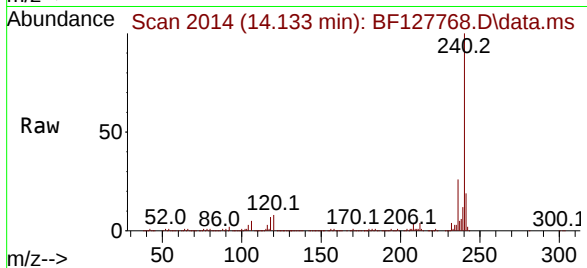
Tgt Ion:240 Resp: 344481

Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

236 25.5 20.7 31.1



#79

Terphenyl-d14

Concen: 18.359 ng

RT: 13.074 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF127768.D

Acq: 12 Apr 2022 20:01

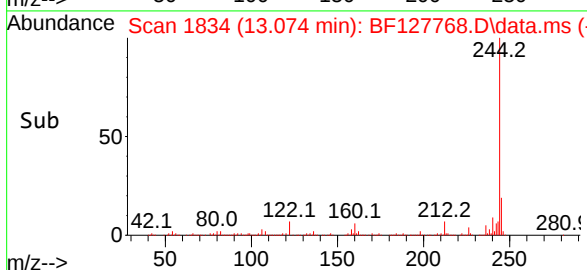
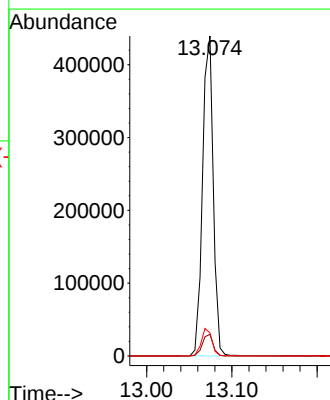
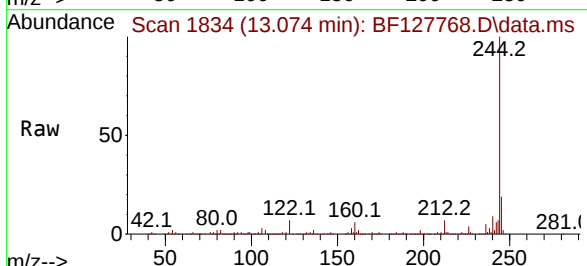
Tgt Ion:244 Resp: 383158

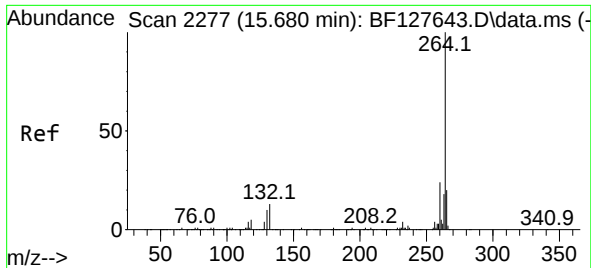
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

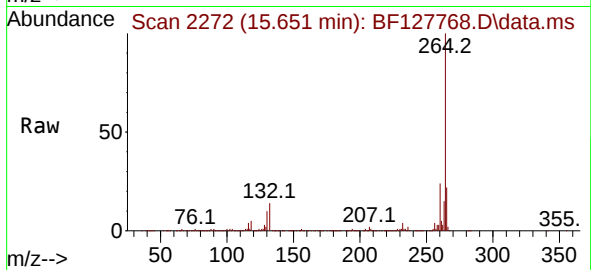
122 7.2 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127768.D
 Acq: 12 Apr 2022 20:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-19R



Tgt Ion:264 Resp: 357428
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.6 17.4 26.2

