

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127783.D
 Acq On : 13 Apr 2022 14:43
 Operator : CG\JU
 Sample : N2334-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21RR

Quant Time: Apr 13 16:51:27 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 16:40:15 2022
 Response via : Initial Calibration

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

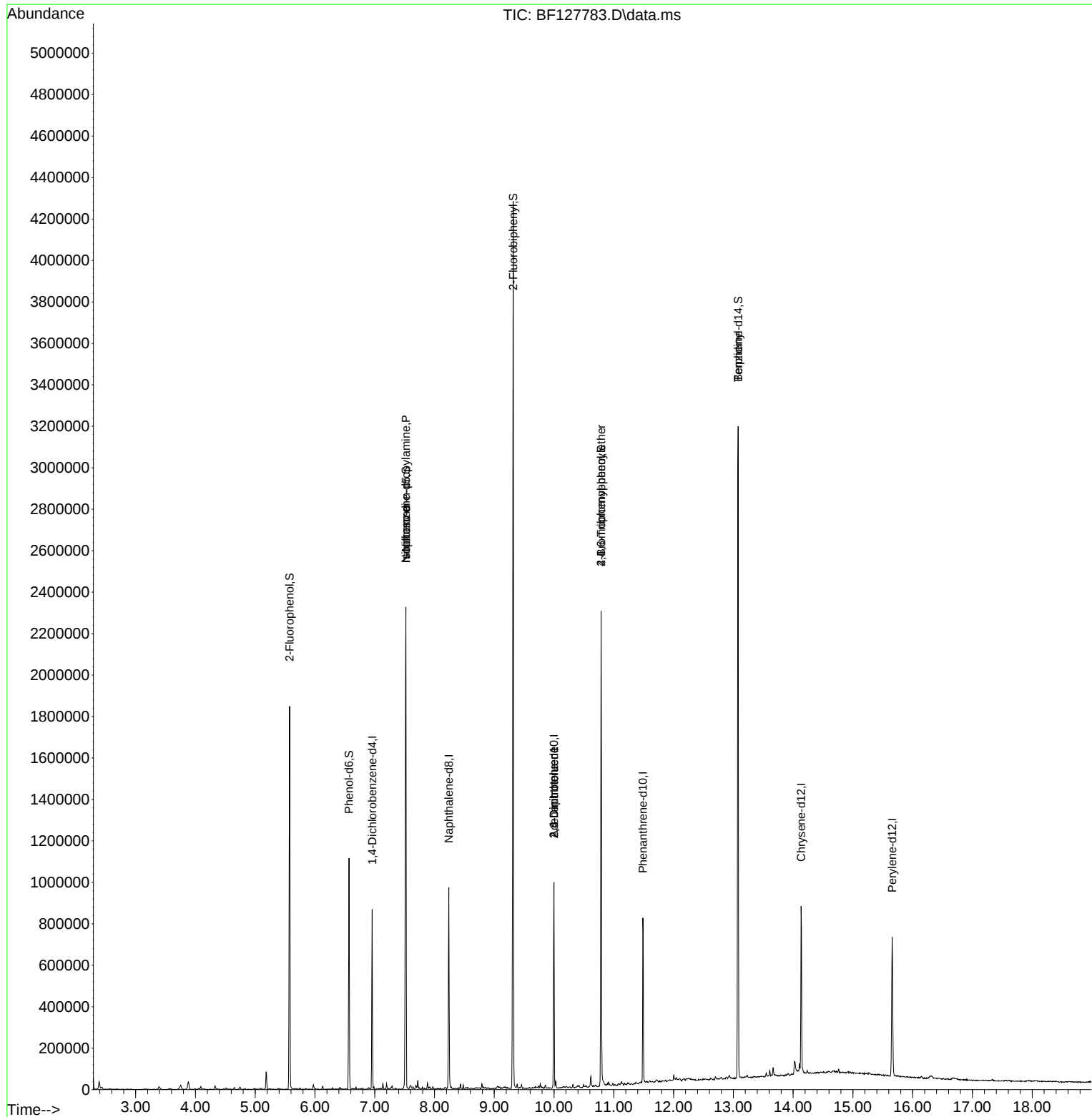
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	110431	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	380004	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	188291	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	288004	20.000	ng	0.00
76) Chrysene-d12	14.133	240	281153	20.000	ng	-0.01
86) Perylene-d12	15.657	264	323007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	427273	62.870	ng	0.00
7) Phenol-d6	6.569	99	312316	35.128	ng	-0.02
23) Nitrobenzene-d5	7.522	82	799249	93.766	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	258638	129.080	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1299576	97.640	ng	0.00
79) Terphenyl-d14	13.080	244	1173546	68.897	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	149	Below Cal	#	53
19) n-Nitroso-di-n-propyla...	7.522	70	109722	19.081	ng	# 71
25) Isophorone	7.522	82	795859	53.509	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	24757	9.623	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	24757	7.762	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	17301	4.950	ng	# 1
77) Benizidine	13.080	184	16278	2.218	ng	# 93

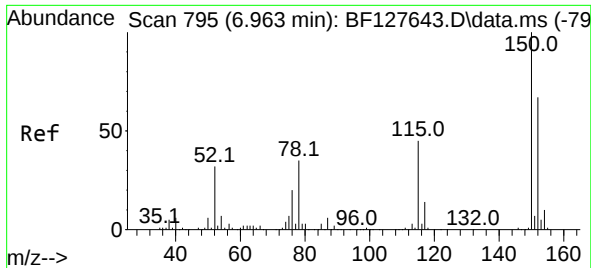
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
Data File : BF127783.D
Acq On : 13 Apr 2022 14:43
Operator : CG\JU
Sample : N2334-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-21RR

Quant Time: Apr 13 16:51:27 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 16:40:15 2022
Response via : Initial Calibration

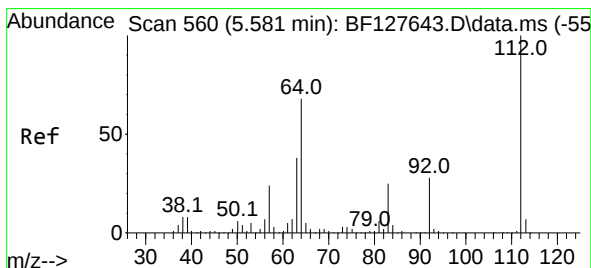
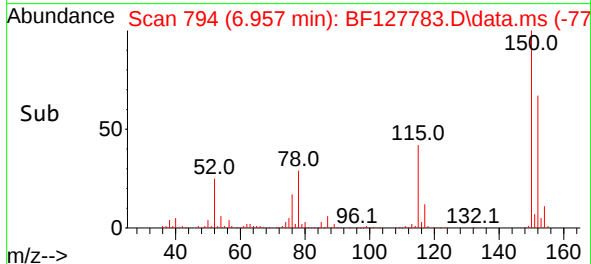
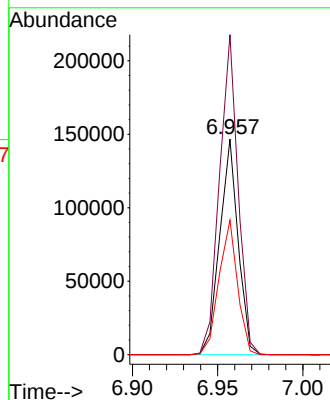
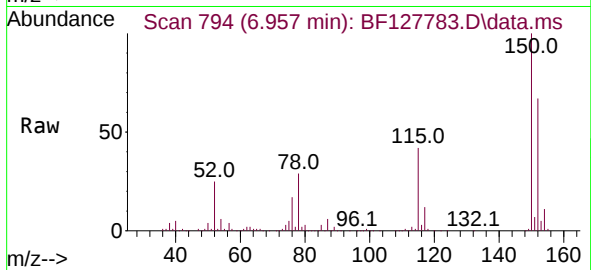




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: BF127783.D
 Acq: 13 Apr 2022 14:43

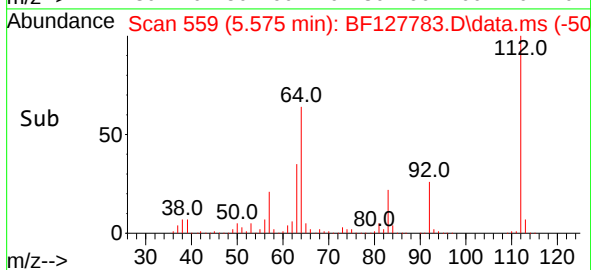
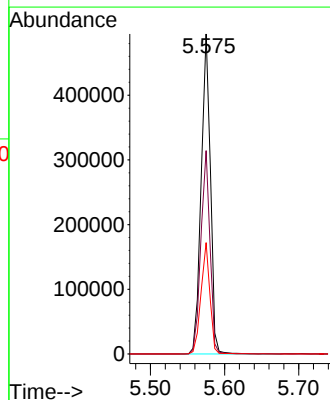
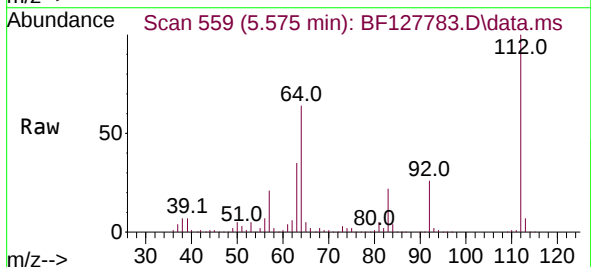
Instrument :
 BNA_F
 ClientSampleId :
 MW-21RR

Tgt Ion:152 Resp: 110431
 Ion Ratio Lower Upper
 152 100
 150 148.5 117.2 175.8
 115 62.4 49.8 74.6



#5
 2-Fluorophenol
 Concen: 62.870 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127783.D
 Acq: 13 Apr 2022 14:43

Tgt Ion:112 Resp: 427273
 Ion Ratio Lower Upper
 112 100
 64 63.6 58.4 87.6
 63 34.8 30.1 45.1

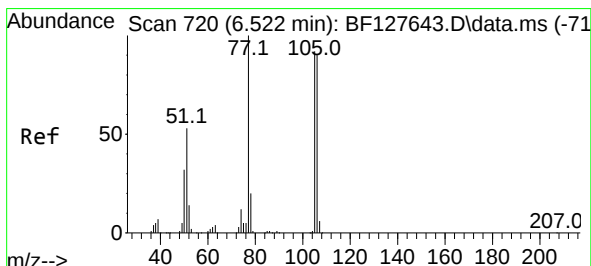
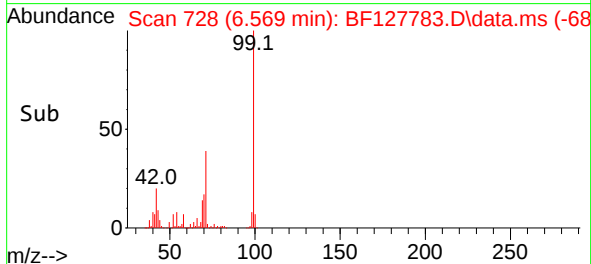
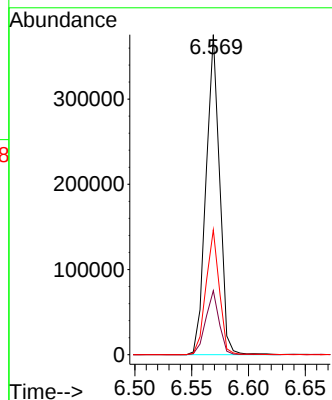
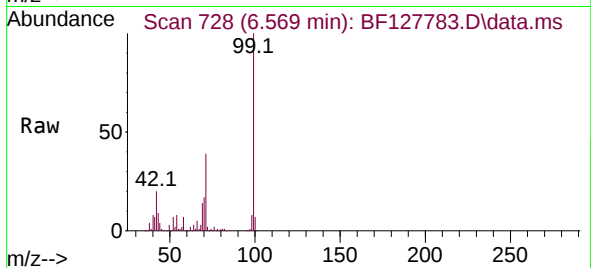




#7
Phenol-d6
Concen: 35.128 ng
RT: 6.569 min Scan# 718
Delta R.T. -0.018 min
Lab File: BF127783.D
Acq: 13 Apr 2022 14:43

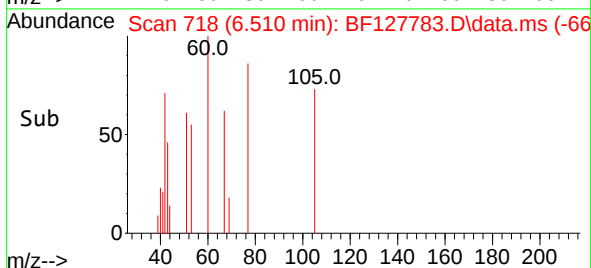
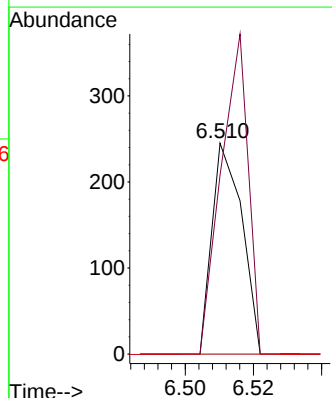
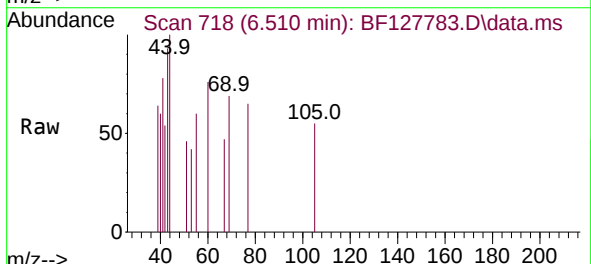
Instrument :
BNA_F
ClientSampleId :
MW-21RR

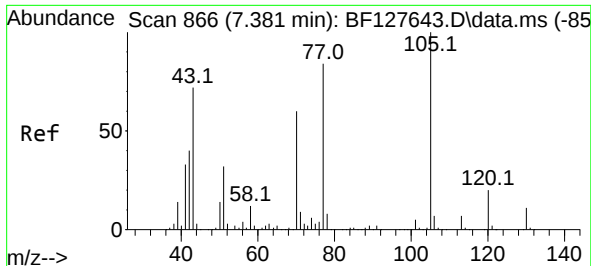
Tgt Ion: 99 Resp: 312316
Ion Ratio Lower Upper
99 100
42 20.0 17.8 26.6
71 39.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127783.D
Acq: 13 Apr 2022 14:43

Tgt Ion: 77 Resp: 149
Ion Ratio Lower Upper
77 100
105 84.9 66.8 106.8
106 0.0 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 19.081 ng

RT: 7.522 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127783.D

Acq: 13 Apr 2022 14:43

Instrument :

BNA_F

ClientSampleId :

MW-21RR

Tgt Ion: 70 Resp: 109722

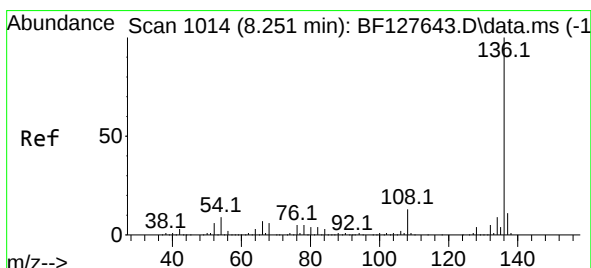
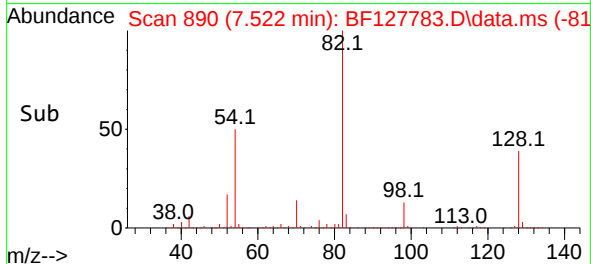
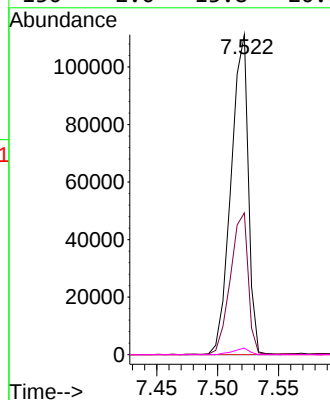
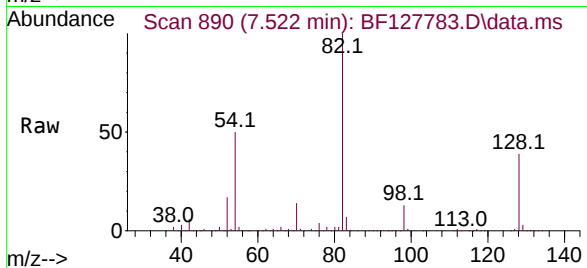
Ion Ratio Lower Upper

70 100

42 44.3 53.0 79.6#

101 0.0 6.8 10.2#

130 2.0 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127783.D

Acq: 13 Apr 2022 14:43

Tgt Ion:136 Resp: 380004

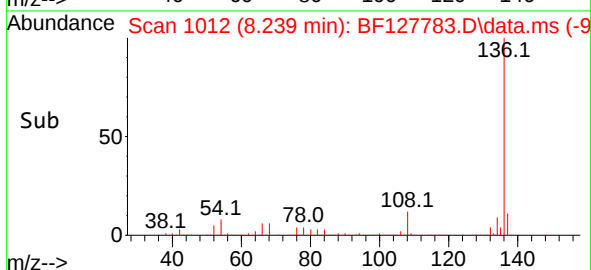
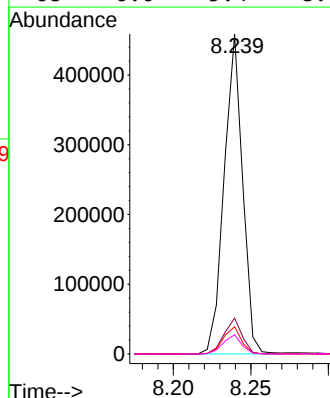
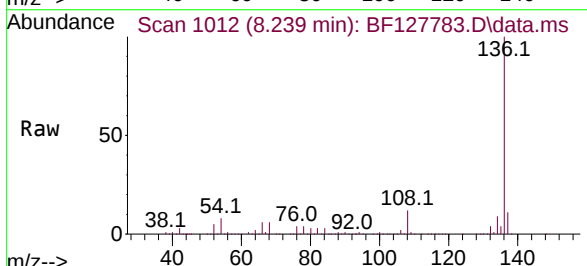
Ion Ratio Lower Upper

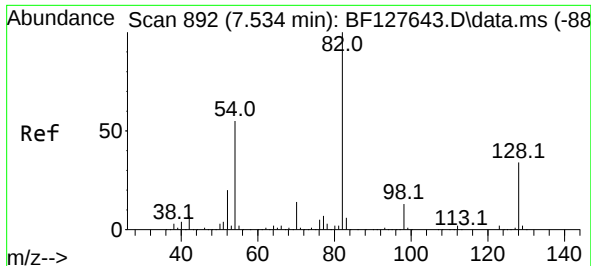
136 100

137 11.2 8.6 13.0

54 8.5 9.2 13.8#

68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 93.766 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127783.D

Acq: 13 Apr 2022 14:43

Instrument :

BNA_F

ClientSampleId :

MW-21RR

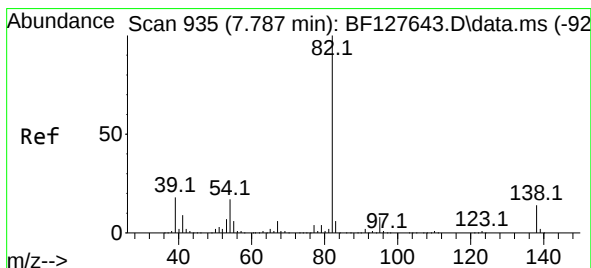
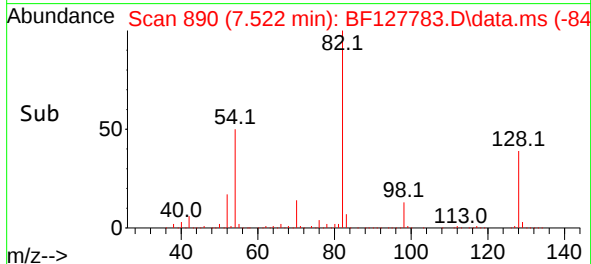
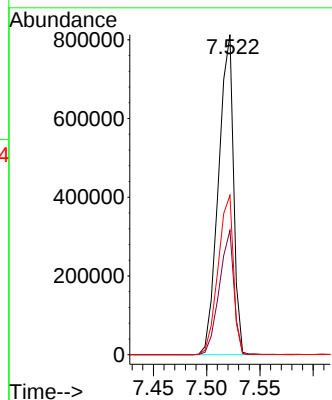
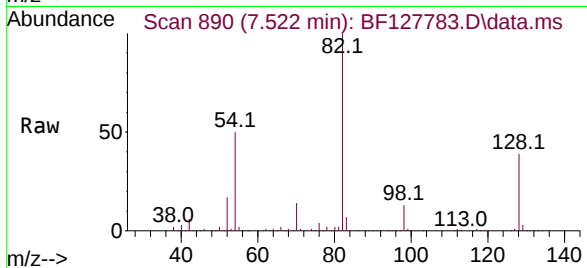
Tgt Ion: 82 Resp: 799249

Ion Ratio Lower Upper

82 100

128 38.9 30.6 45.8

54 49.8 48.2 72.2



#25

Isophorone

Concen: 53.509 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127783.D

Acq: 13 Apr 2022 14:43

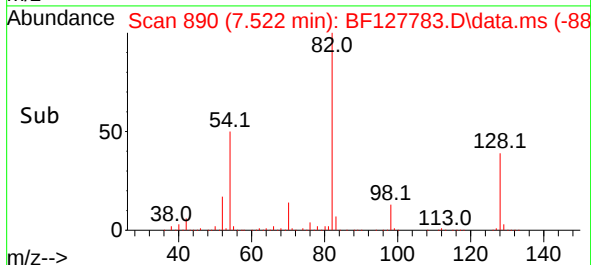
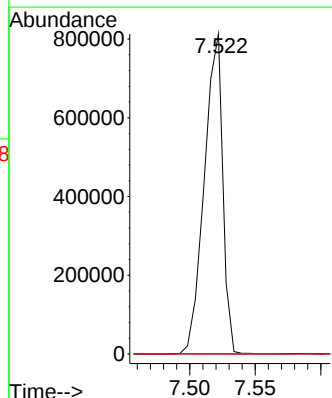
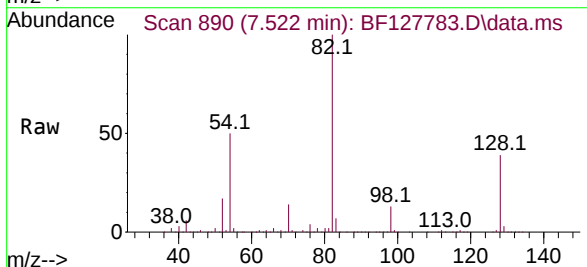
Tgt Ion: 82 Resp: 795859

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# 1311

Delta R.T. -0.006 min

Lab File: BF127783.D

Acq: 13 Apr 2022 14:43

Instrument :

BNA_F

ClientSampleId :

MW-21RR

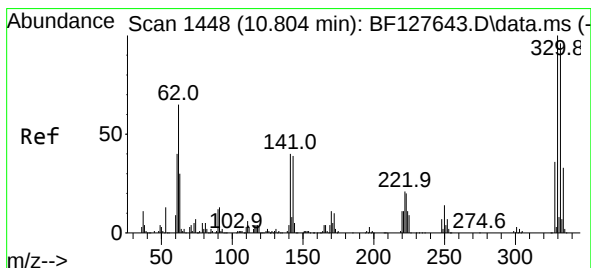
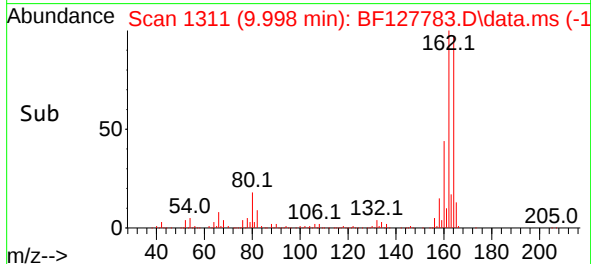
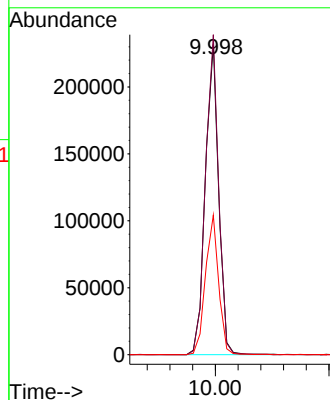
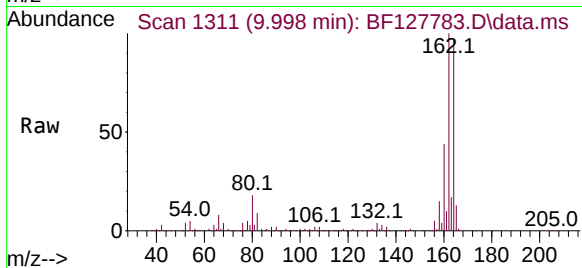
Tgt Ion:164 Resp: 188291

Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

160 45.0 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 129.080 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF127783.D

Acq: 13 Apr 2022 14:43

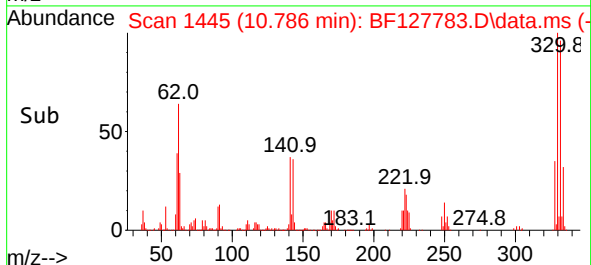
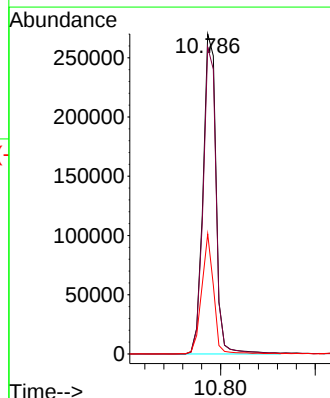
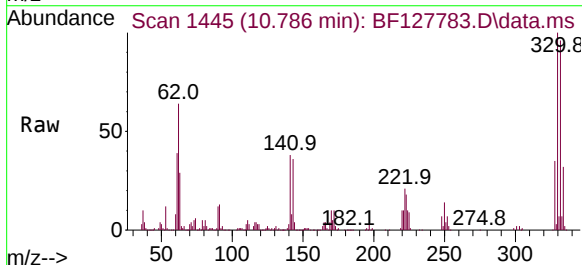
Tgt Ion:330 Resp: 258638

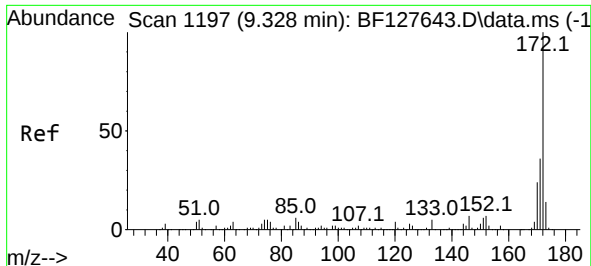
Ion Ratio Lower Upper

330 100

332 96.4 79.1 118.7

141 34.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 97.640 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127783.D

Acq: 13 Apr 2022 14:43

Instrument :

BNA_F

ClientSampleId :

MW-21RR

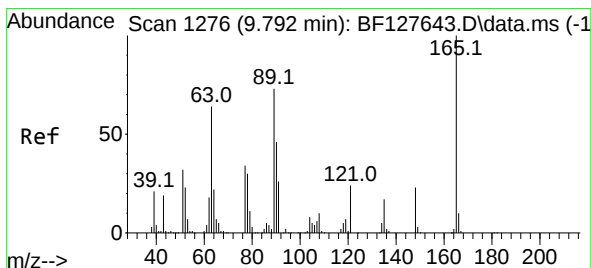
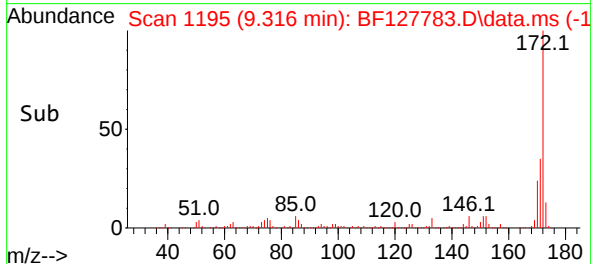
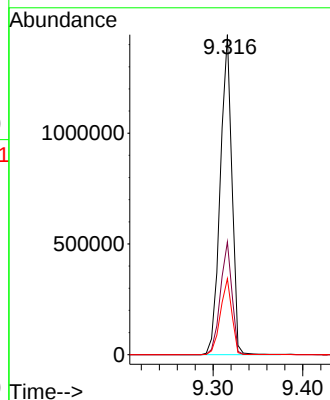
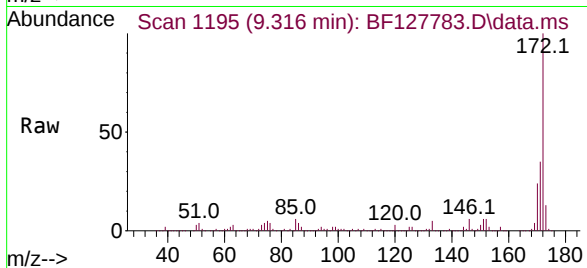
Tgt Ion:172 Resp: 1299576

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.623 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127783.D

Acq: 13 Apr 2022 14:43

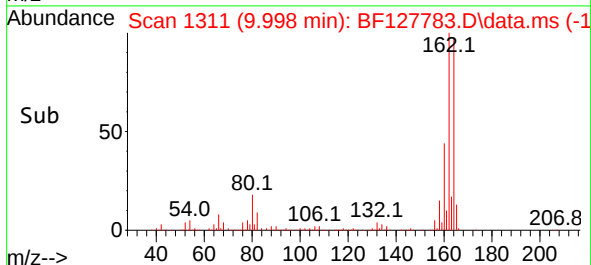
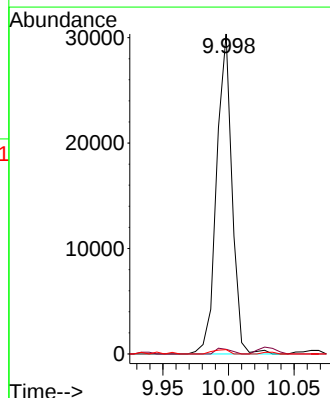
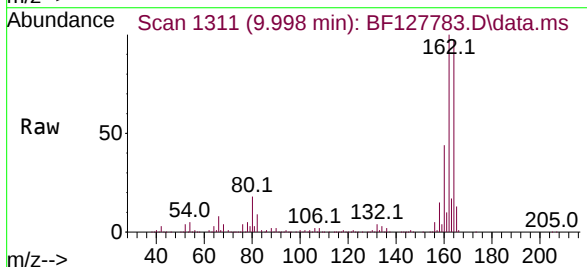
Tgt Ion:165 Resp: 24757

Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.4 51.5 77.3#

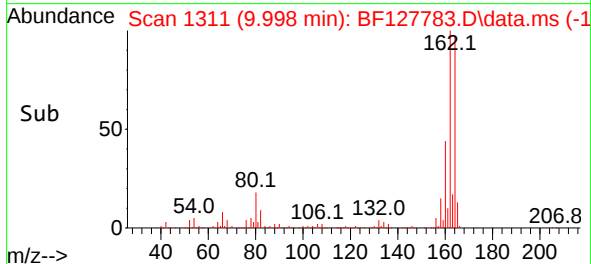
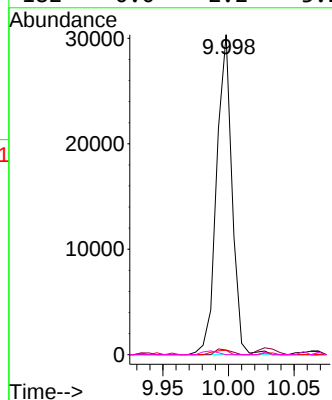
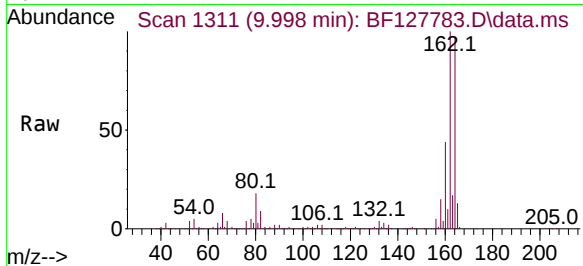




#57
2,4-Dinitrotoluene
Concen: 7.762 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127783.D
Acq: 13 Apr 2022 14:43

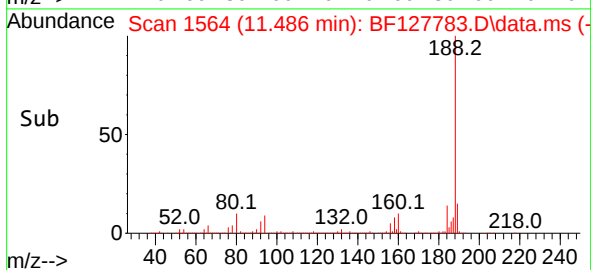
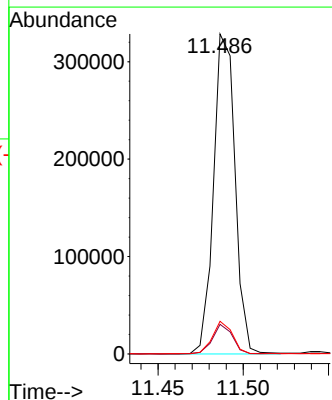
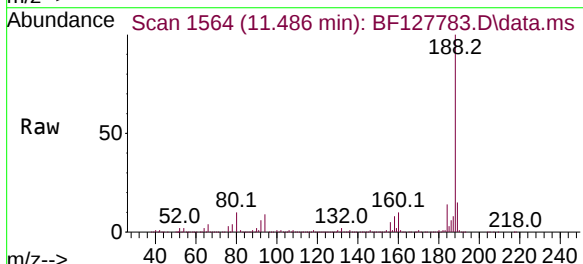
Instrument :
BNA_F
ClientSampleId :
MW-21RR

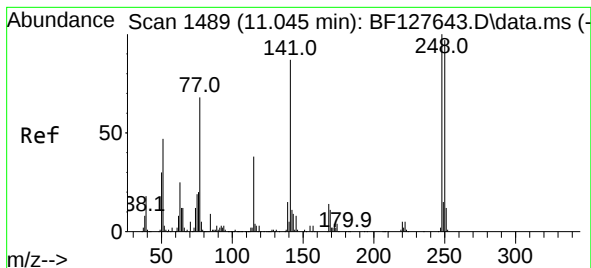
Tgt Ion:165 Resp: 24757
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127783.D
Acq: 13 Apr 2022 14:43

Tgt Ion:188 Resp: 288004
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.2 8.0 12.0

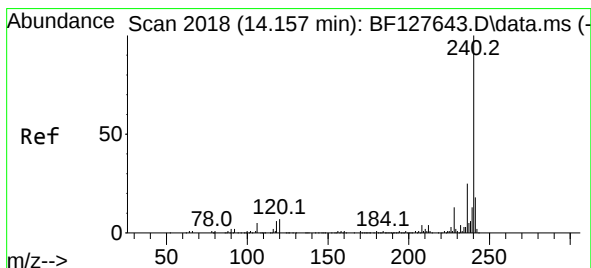
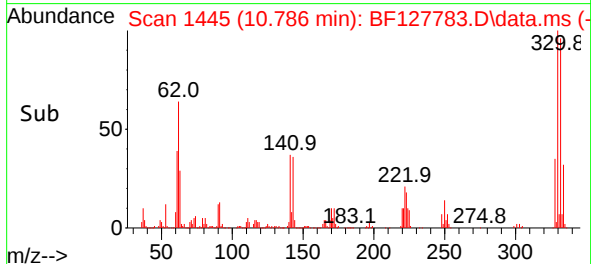
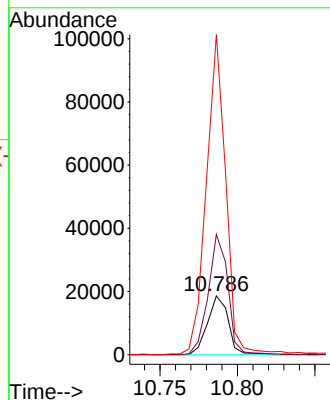
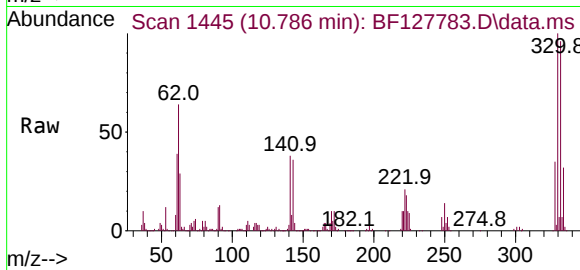




#67
4-Bromophenyl-phenylether
Concen: 4.950 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127783.D
Acq: 13 Apr 2022 14:43

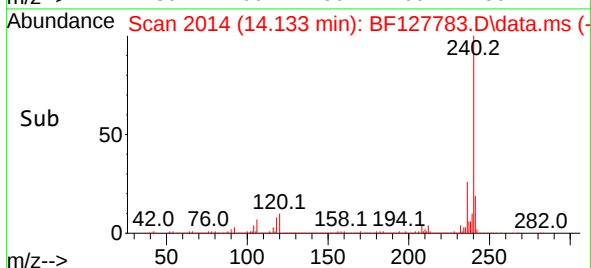
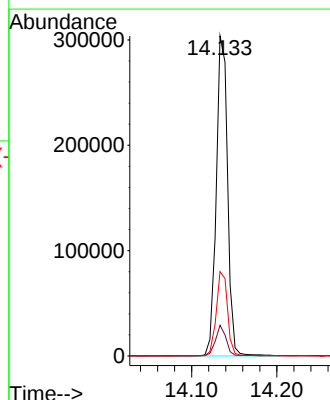
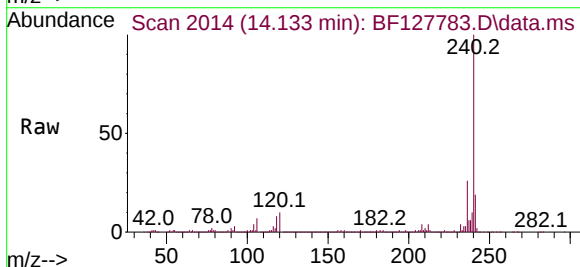
Instrument :
BNA_F
ClientSampleId :
MW-21RR

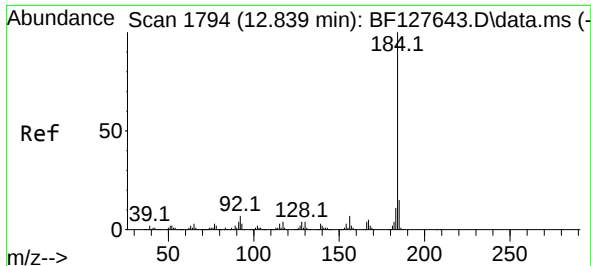
Tgt Ion:248 Resp: 17301
Ion Ratio Lower Upper
248 100
250 205.2 76.6 115.0#
141 545.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127783.D
Acq: 13 Apr 2022 14:43

Tgt Ion:240 Resp: 281153
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 26.4 20.7 31.1

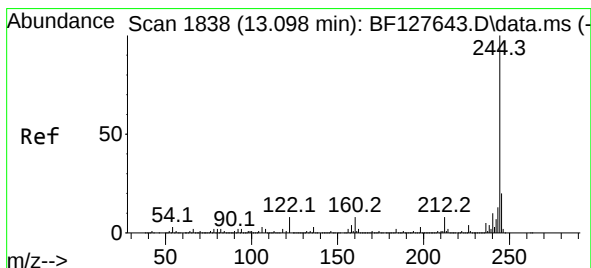
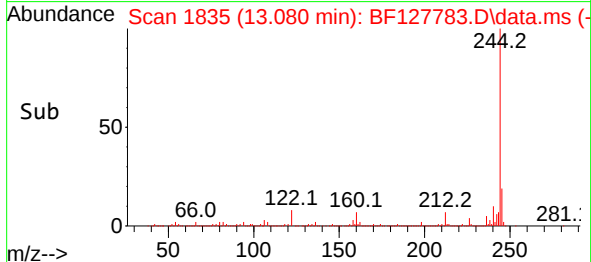
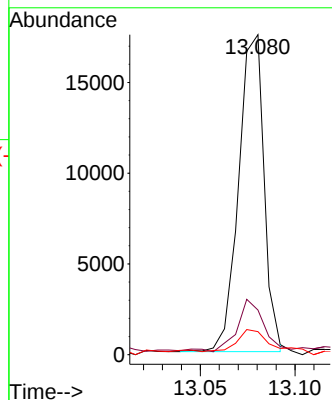
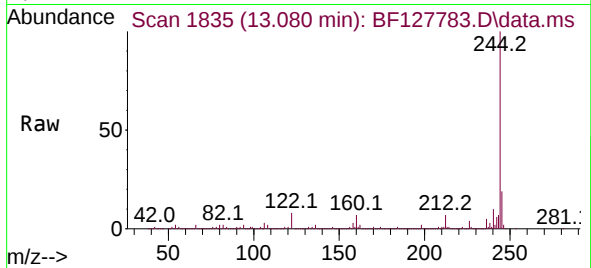




#77
Benzidine
Concen: 2.218 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127783.D
Acq: 13 Apr 2022 14:43

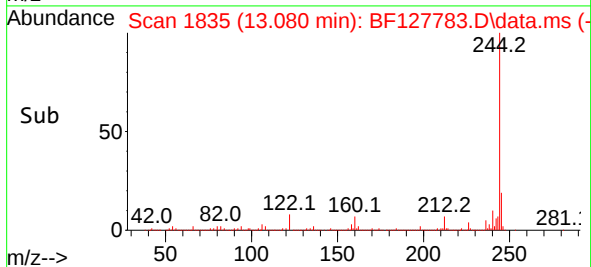
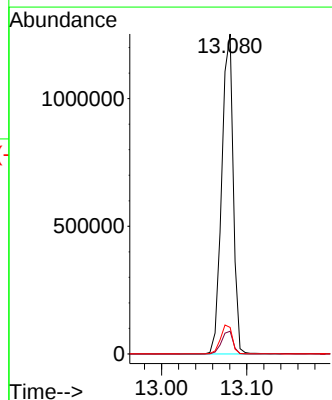
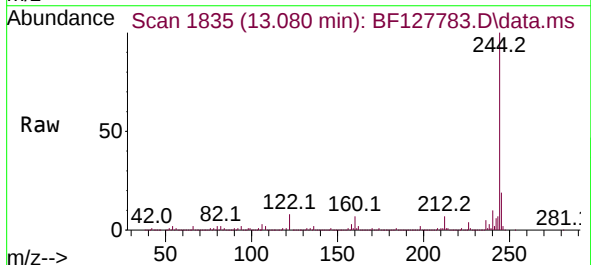
Instrument :
BNA_F
ClientSampleId :
MW-21RR

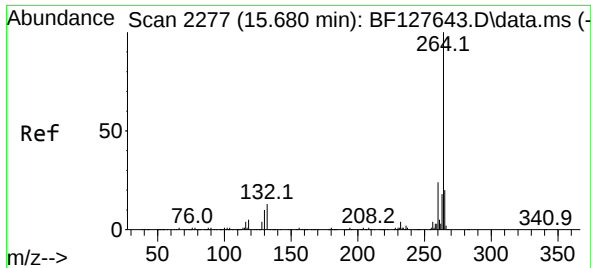
Tgt Ion:184 Resp: 16278
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.2
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 68.897 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF127783.D
Acq: 13 Apr 2022 14:43

Tgt Ion:244 Resp: 1173546
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 8.3 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127783.D
 Acq: 13 Apr 2022 14:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-21RR

Tgt Ion:264 Resp: 323007
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 21.4 17.4 26.2

