

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127763.D
 Acq On : 12 Apr 2022 17:31
 Operator : CG\JU
 Sample : N2334-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB040722

Quant Time: Apr 13 07:24:47 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)

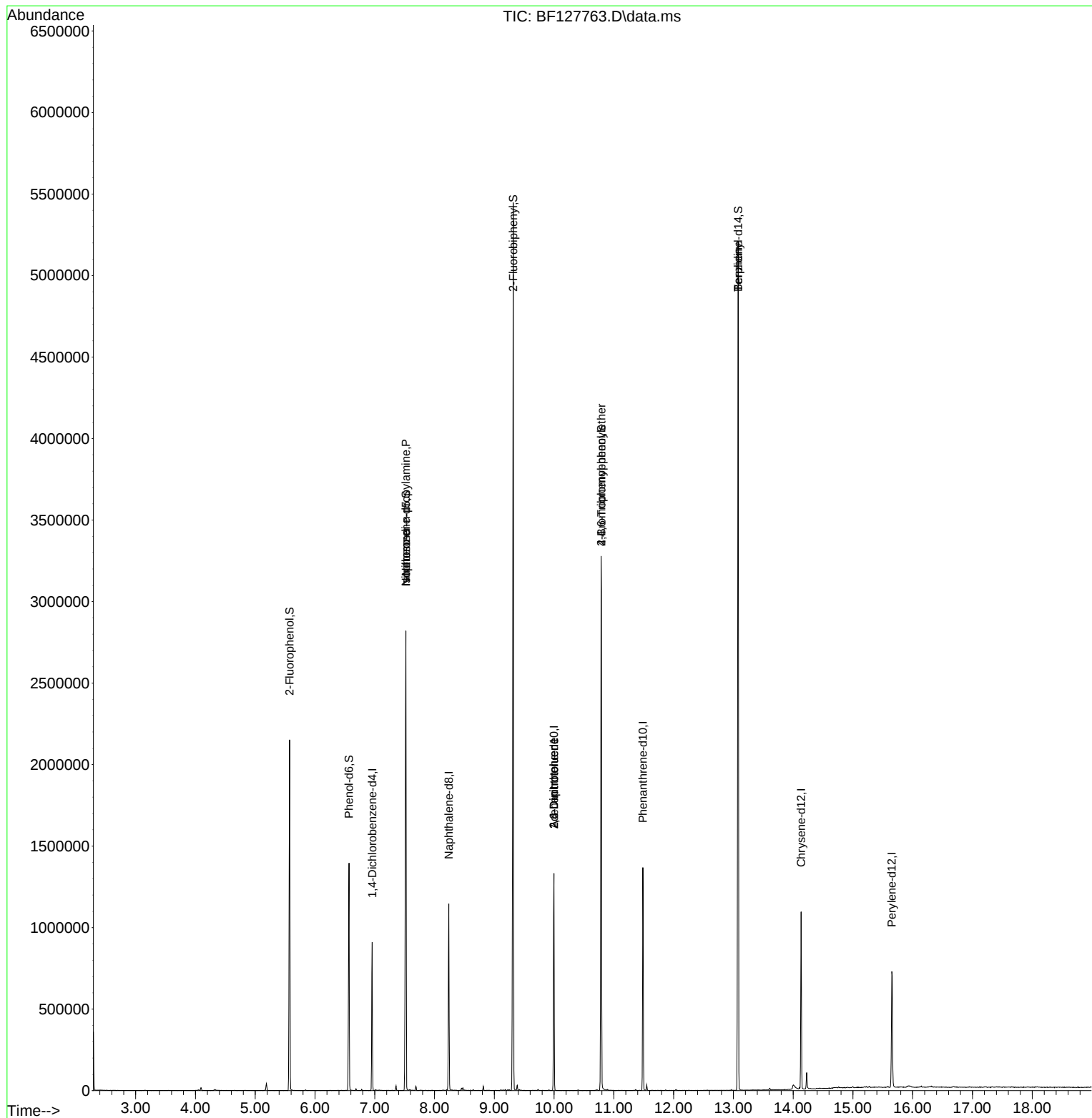
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	125143	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	453474	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	260821	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	471555	20.000	ng	0.00
76) Chrysene-d12	14.133	240	359690	20.000	ng	0.00
86) Perylene-d12	15.651	264	349021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	509816	66.196	ng	0.00
7) Phenol-d6	6.569	99	391792	38.886	ng	-0.01
23) Nitrobenzene-d5	7.522	82	965745	94.943	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	429033	154.577	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1705471	92.503	ng	0.00
79) Terphenyl-d14	13.080	244	1880923	86.315	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	62	Below Cal	#	49
19) n-Nitroso-di-n-propyla...	7.522	70	129661	19.897	ng	# 74
25) Isophorone	7.522	82	965914	54.420	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	33544	9.413	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	33544	7.592	ng	# 13
67) 4-Bromophenyl-phenylether	10.792	248	27445	4.796	ng	# 1
77) Benzydine	13.080	184	26741	2.848	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127763.D
Acq On : 12 Apr 2022 17:31
Operator : CG\JU
Sample : N2334-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB040722

Quant Time: Apr 13 07:24:47 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

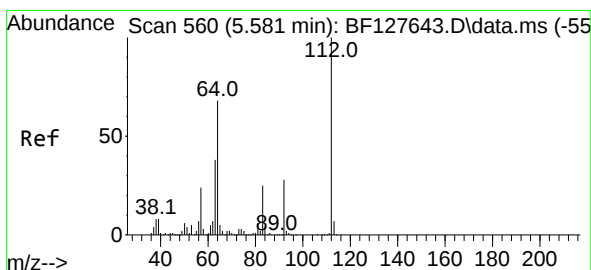
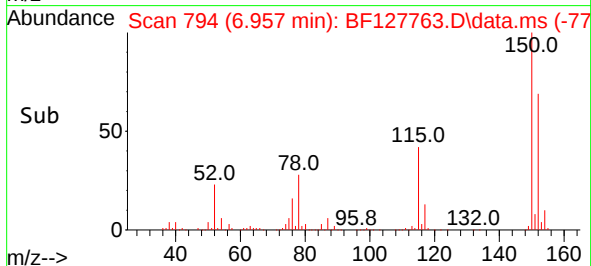
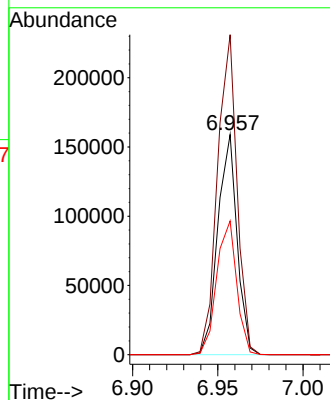
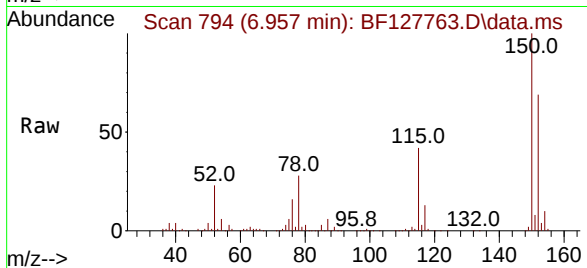




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

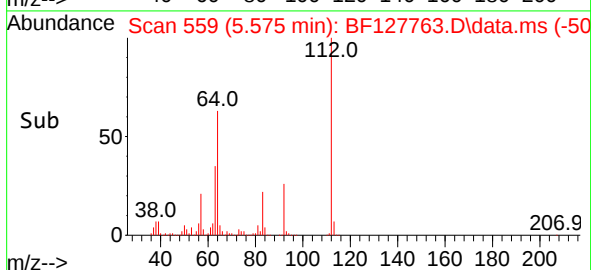
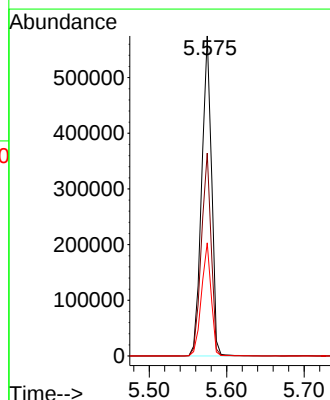
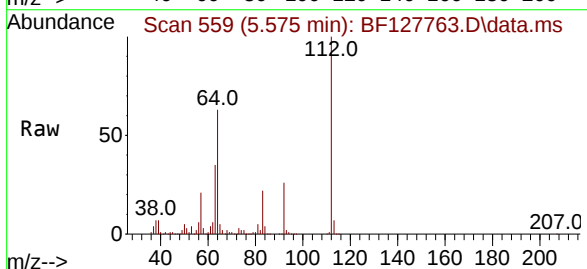
Instrument :
BNA_F
ClientSampleId :
FB040722

Tgt Ion:152 Resp: 125143
Ion Ratio Lower Upper
152 100
150 145.4 117.2 175.8
115 60.7 49.8 74.6



#5
2-Fluorophenol
Concen: 66.196 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

Tgt Ion:112 Resp: 509816
Ion Ratio Lower Upper
112 100
64 63.4 58.4 87.6
63 35.4 30.1 45.1

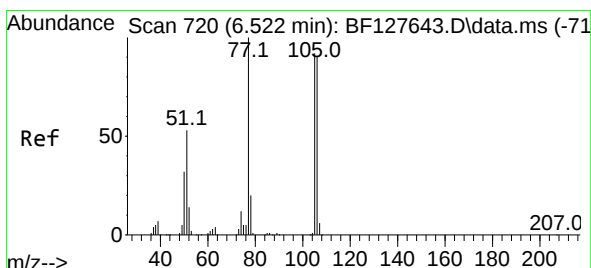
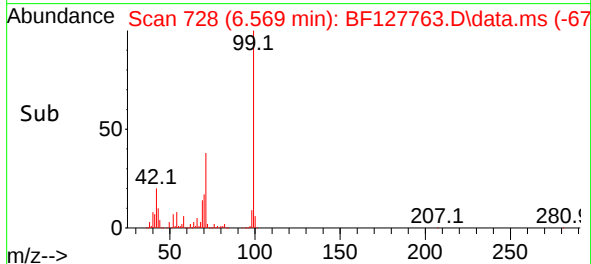
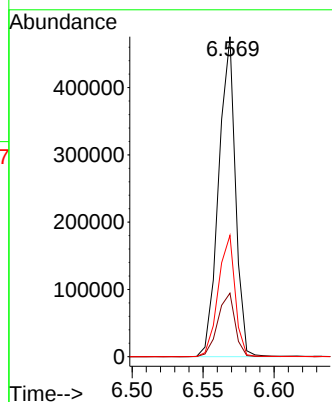
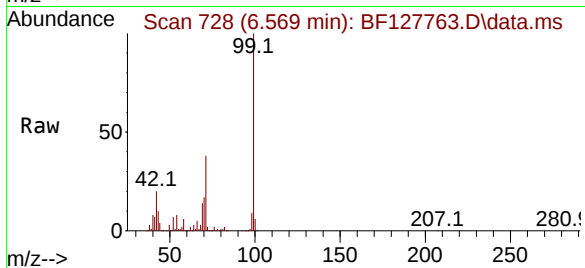




#7
Phenol-d6
Concen: 38.886 ng
RT: 6.569 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

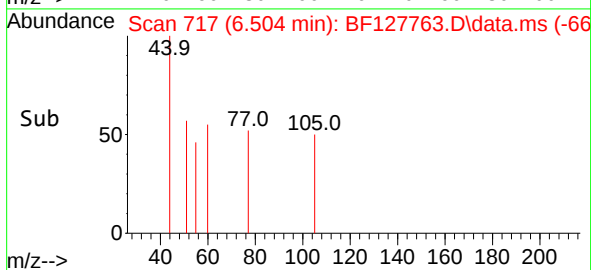
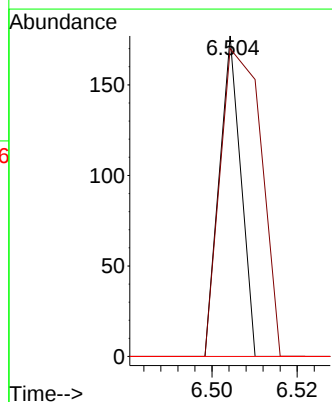
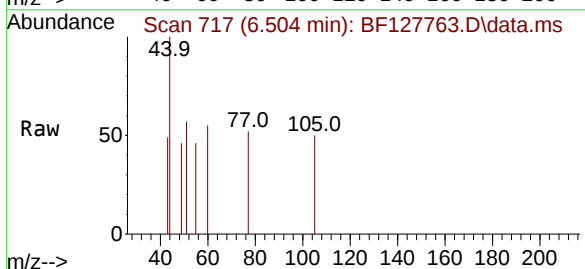
Instrument :
BNA_F
ClientSampleId :
FB040722

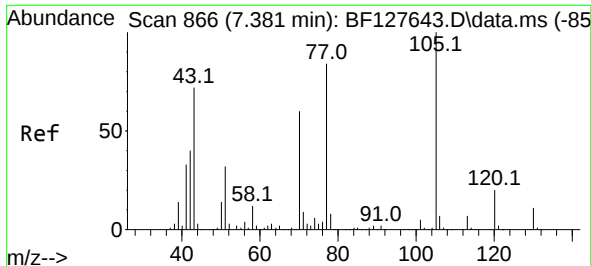
Tgt Ion: 99 Resp: 391792
Ion Ratio Lower Upper
99 100
42 19.9 17.8 26.6
71 37.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

Tgt Ion: 77 Resp: 62
Ion Ratio Lower Upper
77 100
105 96.0 66.8 106.8
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.897 ng

RT: 7.522 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127763.D

Acq: 12 Apr 2022 17:31

Instrument :

BNA_F

ClientSampleId :

FB040722

Tgt Ion: 70 Resp: 129661

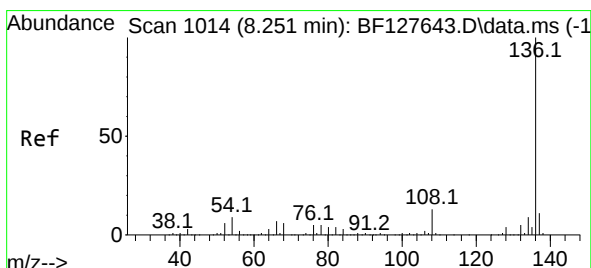
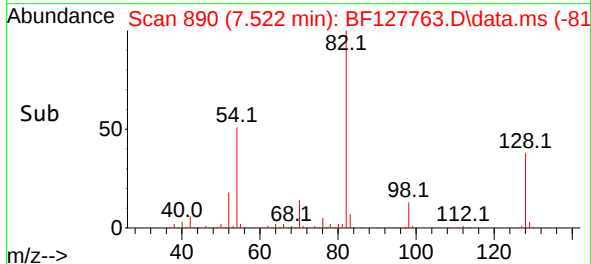
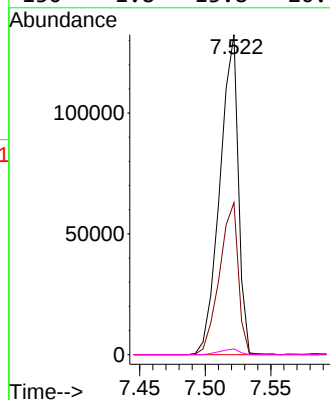
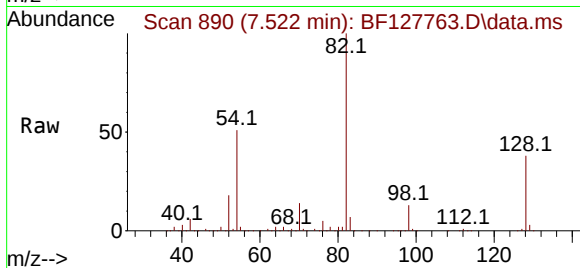
Ion Ratio Lower Upper

70 100

42 47.5 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: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127763.D

Acq: 12 Apr 2022 17:31

Tgt Ion:136 Resp: 453474

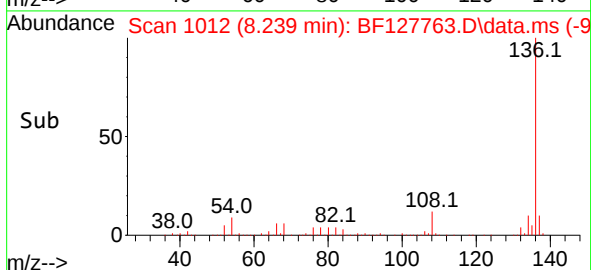
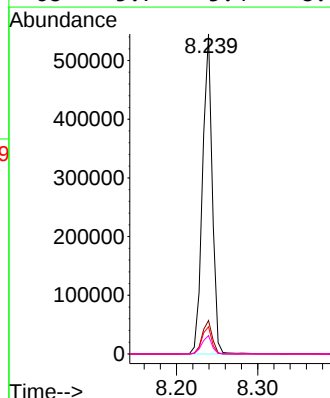
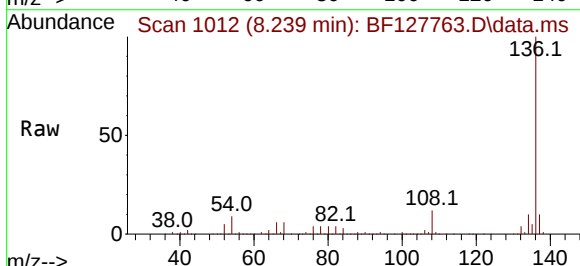
Ion Ratio Lower Upper

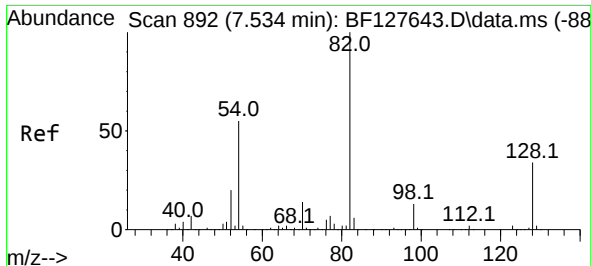
136 100

137 10.4 8.6 13.0

54 8.5 9.2 13.8#

68 5.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 94.943 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127763.D

Acq: 12 Apr 2022 17:31

Instrument :

BNA_F

ClientSampleId :

FB040722

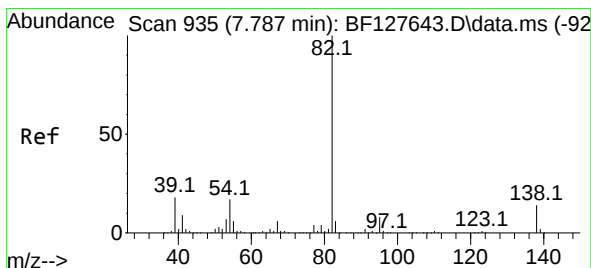
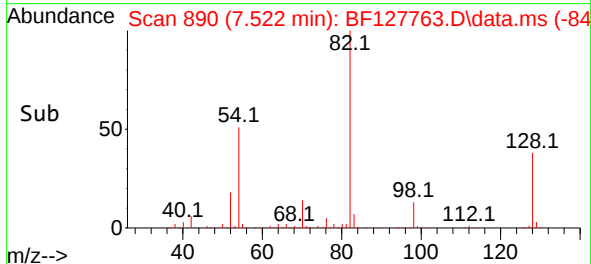
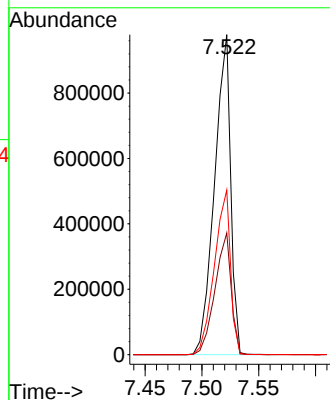
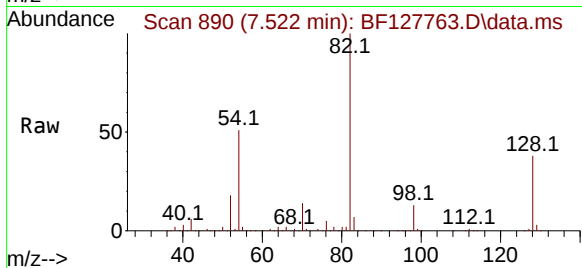
Tgt Ion: 82 Resp: 965745

Ion Ratio Lower Upper

82 100

128 38.0 30.6 45.8

54 51.4 48.2 72.2



#25

Isophorone

Concen: 54.420 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.259 min

Lab File: BF127763.D

Acq: 12 Apr 2022 17:31

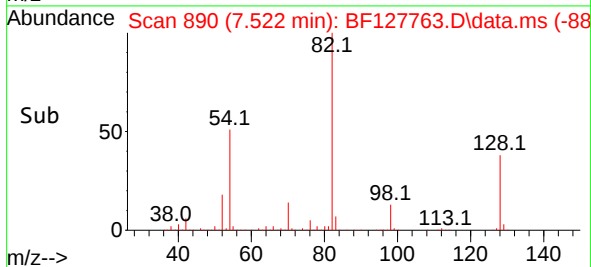
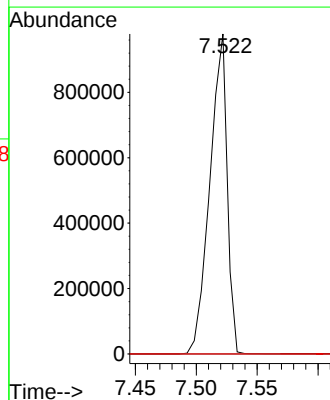
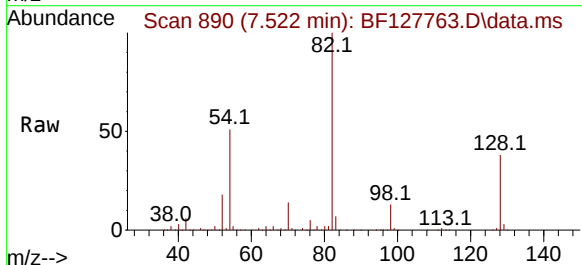
Tgt Ion: 82 Resp: 965914

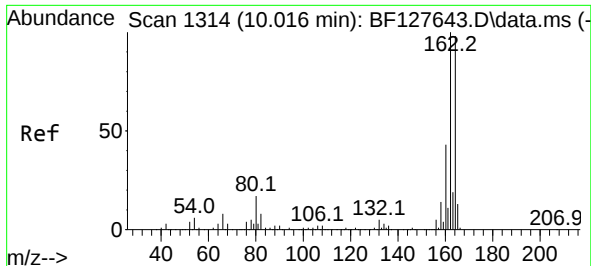
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

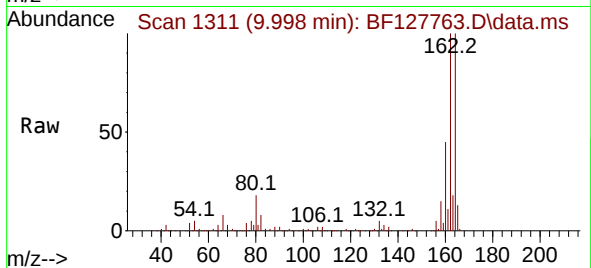
138 0.0 11.6 17.4#



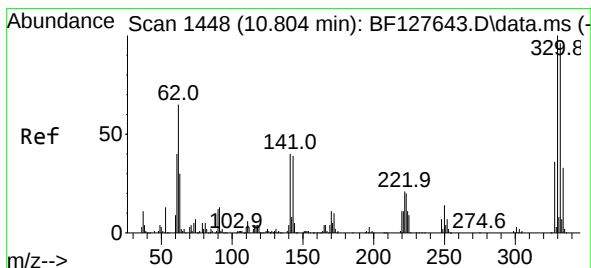
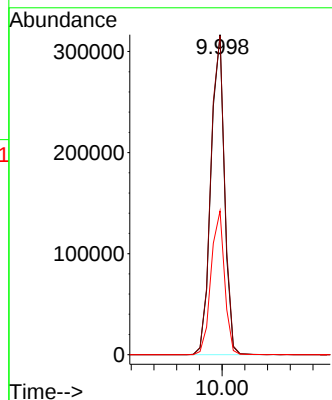
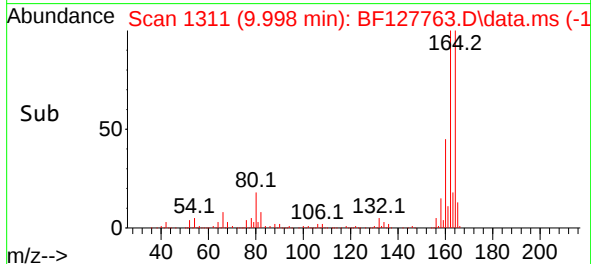


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

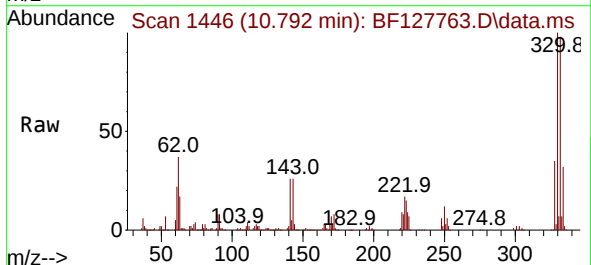
Instrument :
BNA_F
ClientSampleId :
FB040722



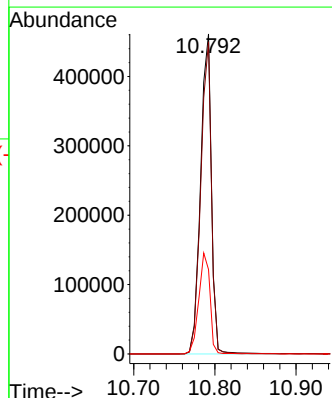
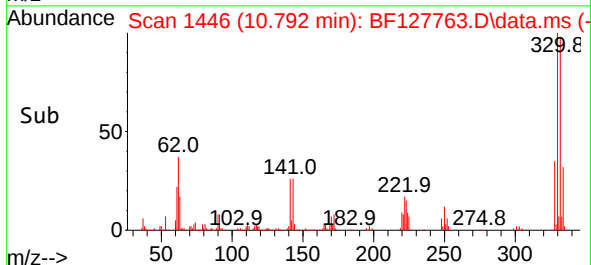
Tgt Ion:164 Resp: 260821
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 44.9 34.6 52.0

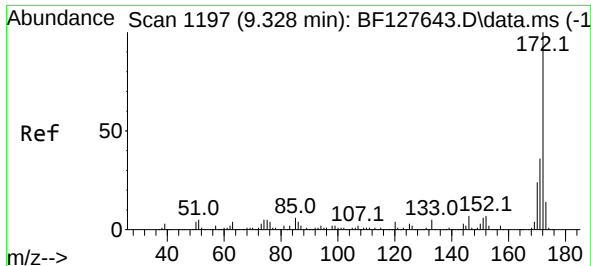


#42
2,4,6-Tribromophenol
Concen: 154.577 ng
RT: 10.792 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31



Tgt Ion:330 Resp: 429033
Ion Ratio Lower Upper
330 100
332 96.0 79.1 118.7
141 32.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 92.503 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127763.D

Acq: 12 Apr 2022 17:31

Instrument :

BNA_F

ClientSampleId :

FB040722

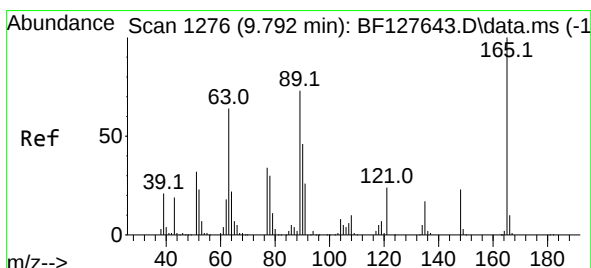
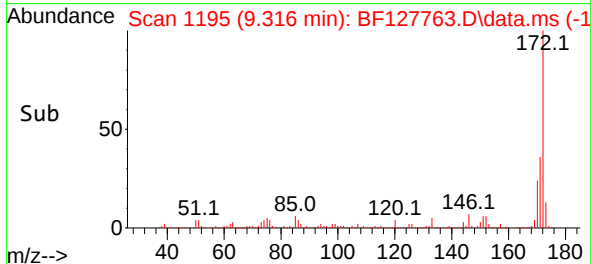
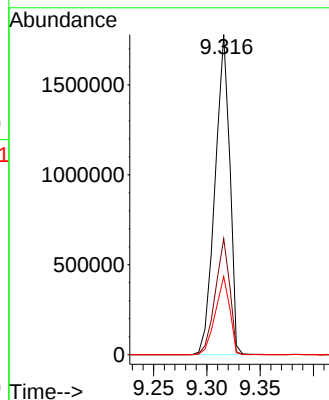
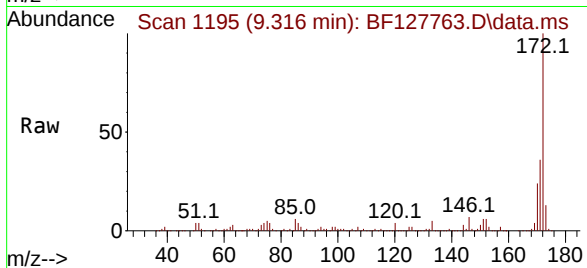
Tgt Ion:172 Resp: 1705471

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.413 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127763.D

Acq: 12 Apr 2022 17:31

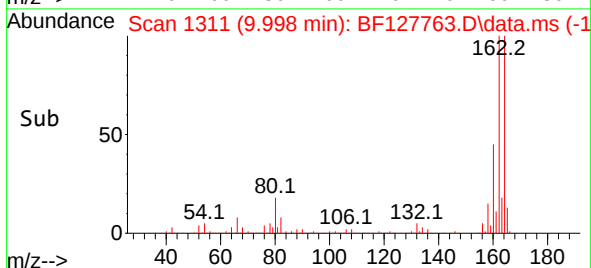
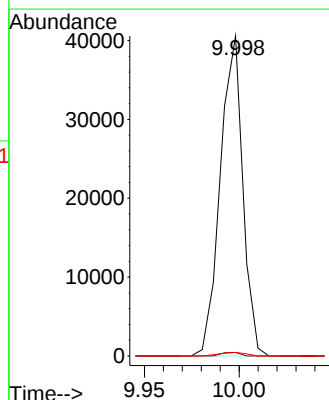
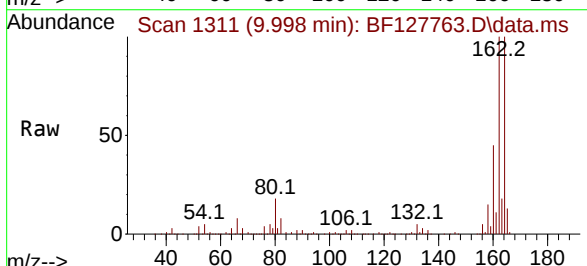
Tgt Ion:165 Resp: 33544

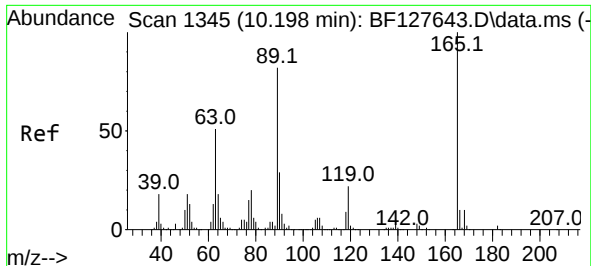
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.1 51.5 77.3#

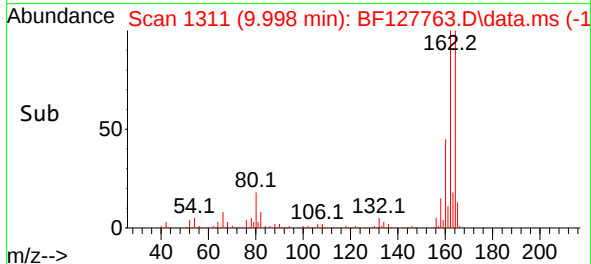
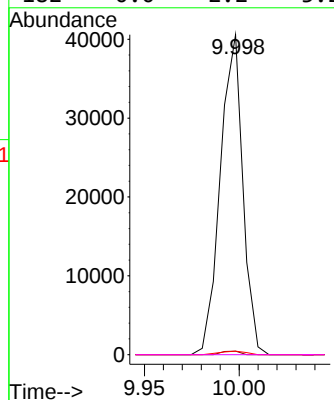
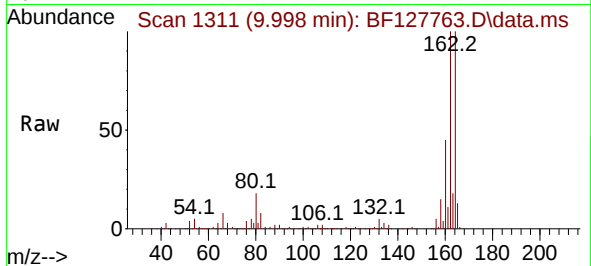




#57
2,4-Dinitrotoluene
Concen: 7.592 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

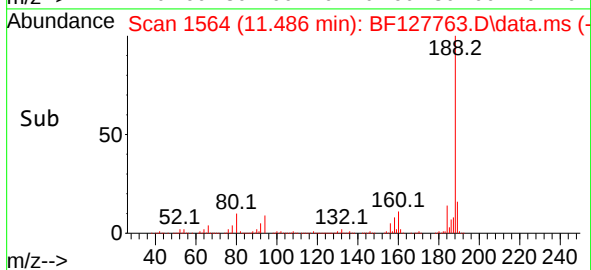
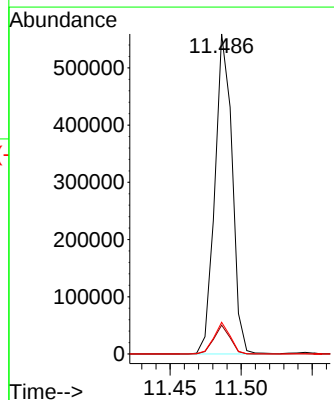
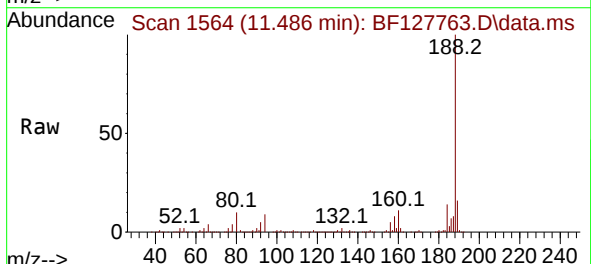
Instrument :
BNA_F
ClientSampleId :
FB040722

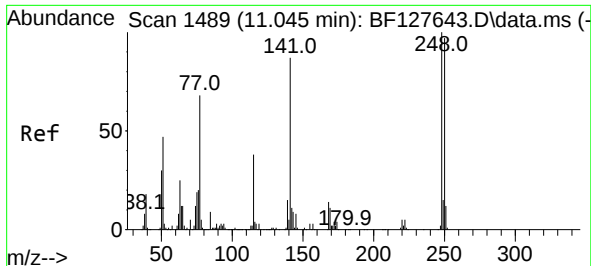
Tgt Ion:165 Resp: 33544
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

Tgt Ion:188 Resp: 471555
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.9 8.0 12.0

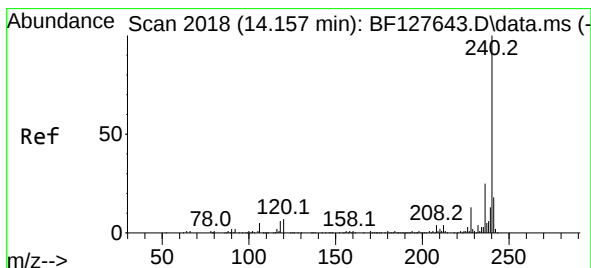
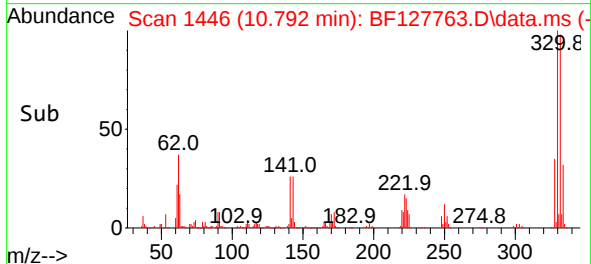
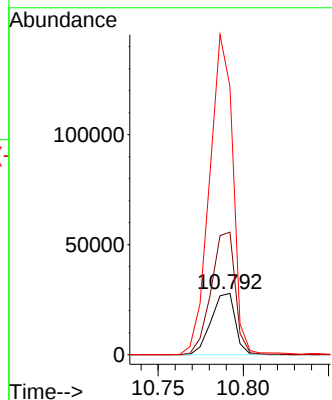
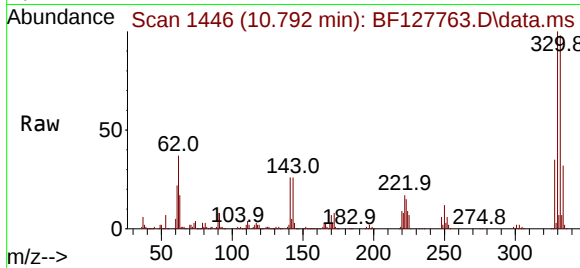




#67
4-Bromophenyl-phenylether
Concen: 4.796 ng
RT: 10.792 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

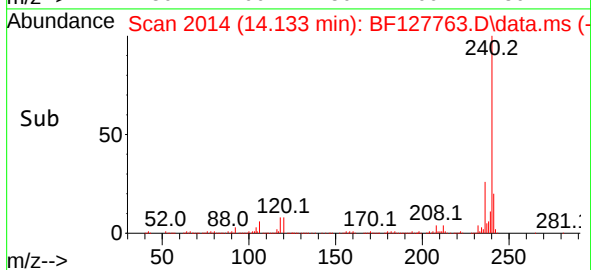
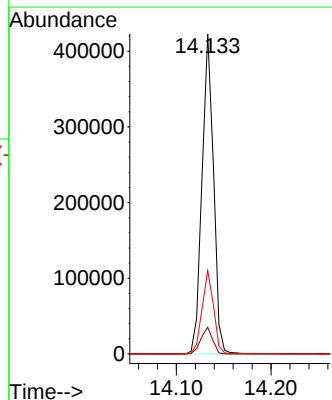
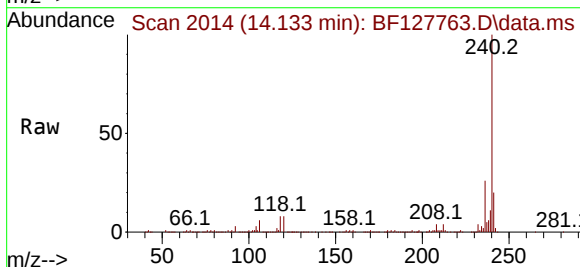
Instrument :
BNA_F
ClientSampleId :
FB040722

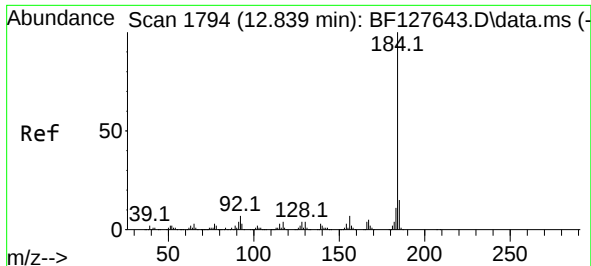
Tgt Ion:248 Resp: 27445
Ion Ratio Lower Upper
248 100
250 200.1 76.6 115.0#
141 437.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

Tgt Ion:240 Resp: 359690
Ion Ratio Lower Upper
240 100
120 8.4 7.1 10.7
236 26.1 20.7 31.1

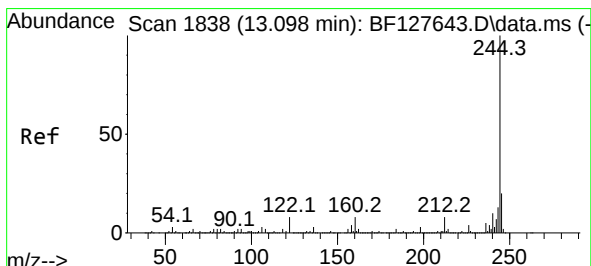
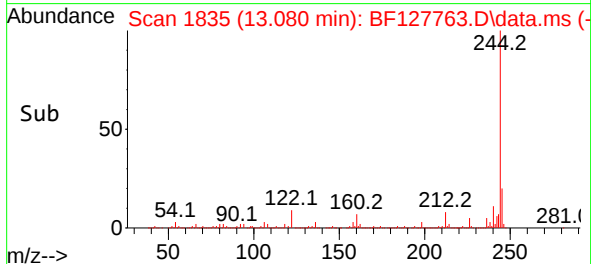
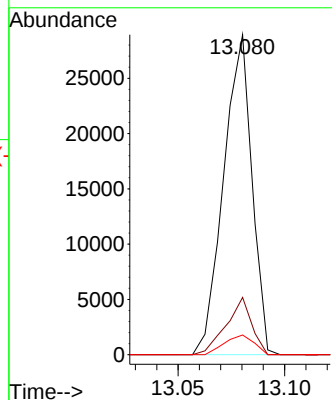
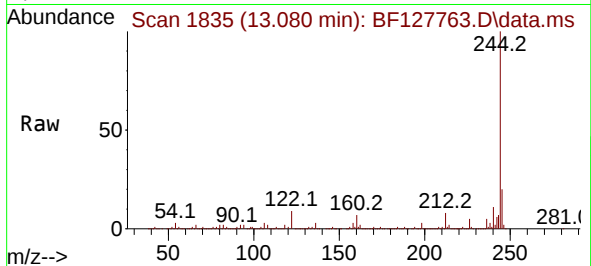




#77
Benzidine
Concen: 2.848 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

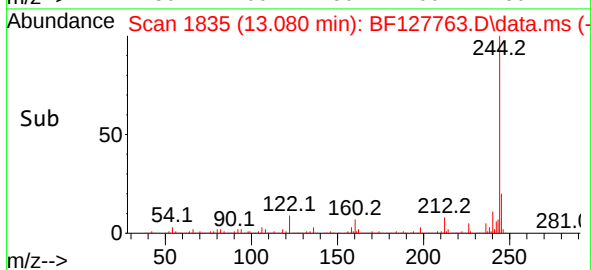
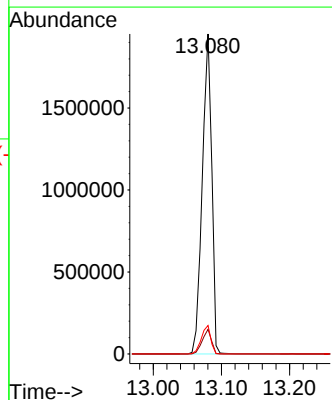
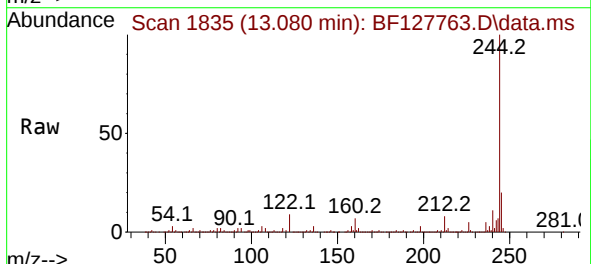
Instrument :
BNA_F
ClientSampleId :
FB040722

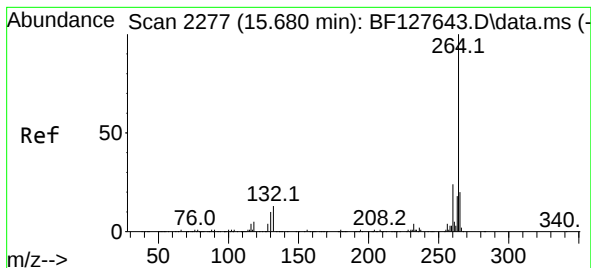
Tgt Ion:184 Resp: 26741
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 6.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.315 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF127763.D
Acq: 12 Apr 2022 17:31

Tgt Ion:244 Resp: 1880923
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 8.9 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: BF127763.D

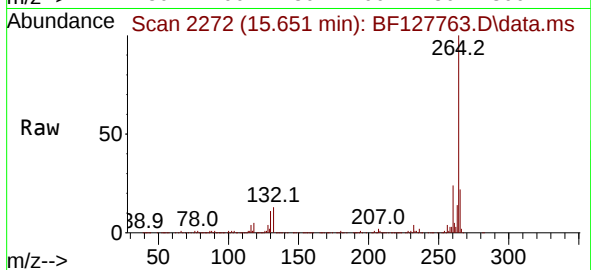
Acq: 12 Apr 2022 17:31

Instrument :

BNA_F

ClientSampleId :

FB040722



Tgt Ion:264 Resp: 349021

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.0 17.4 26.2

