

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127784.D
 Acq On : 13 Apr 2022 15:12
 Operator : CG\JU
 Sample : N2334-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19D

Quant Time: Apr 13 16:51:45 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)

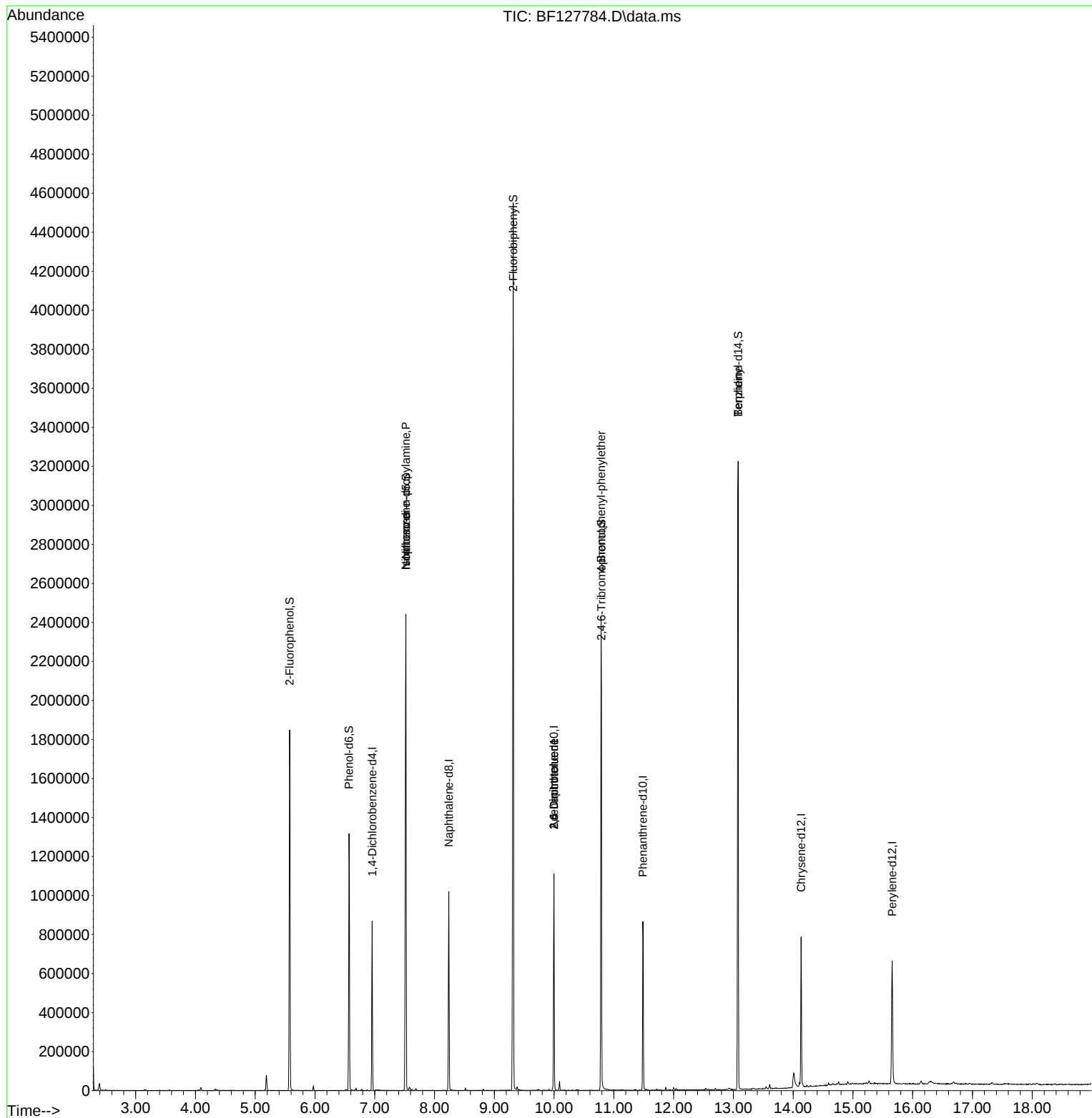
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	113349	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	407710	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	208515	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	324712	20.000	ng	0.00
76) Chrysene-d12	14.133	240	251088	20.000	ng	-0.01
86) Perylene-d12	15.657	264	299115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	464484	66.586	ng	0.00
7) Phenol-d6	6.569	99	405339	44.417	ng	-0.02
23) Nitrobenzene-d5	7.522	82	838581	91.695	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	296291	133.530	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1391004	94.372	ng	0.00
79) Terphenyl-d14	13.080	244	1183343	77.791	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	111	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	112744	19.102	ng	# 74
25) Isophorone	7.522	82	834845	52.315	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	26291	9.228	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	26291	7.443	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	19371	4.915	ng	# 1
77) Benizidine	13.080	184	15924	2.430	ng	# 93

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

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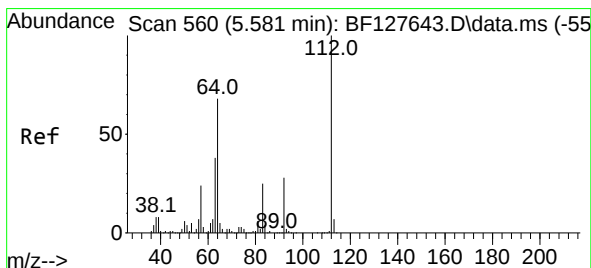
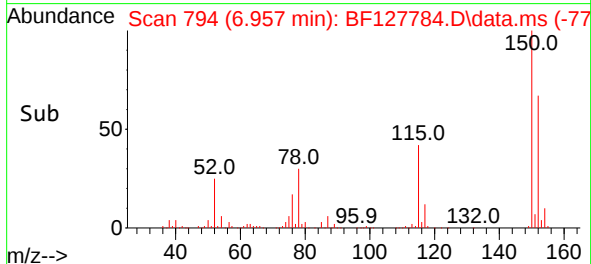
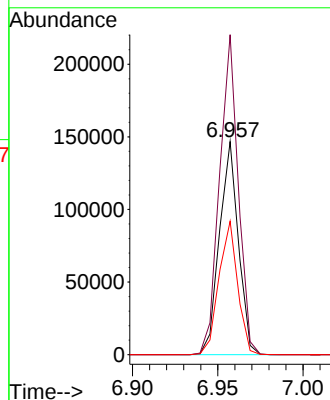
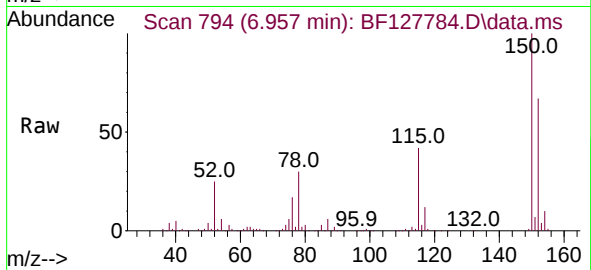




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

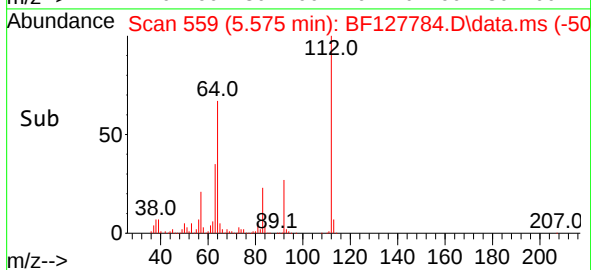
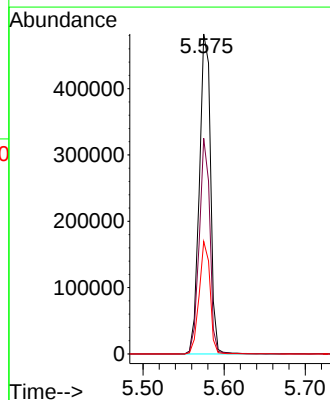
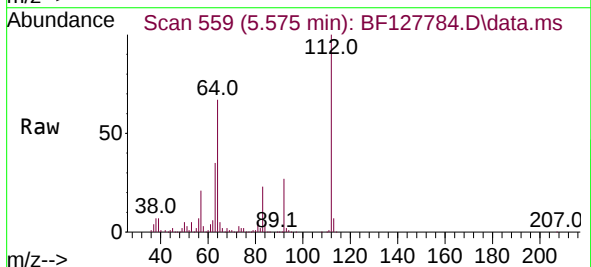
Instrument :
BNA_F
ClientSampleId :
MW-19D

Tgt Ion:152 Resp: 113349
Ion Ratio Lower Upper
152 100
150 150.2 117.2 175.8
115 62.6 49.8 74.6



#5
2-Fluorophenol
Concen: 66.586 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

Tgt Ion:112 Resp: 464484
Ion Ratio Lower Upper
112 100
64 67.4 58.4 87.6
63 35.2 30.1 45.1

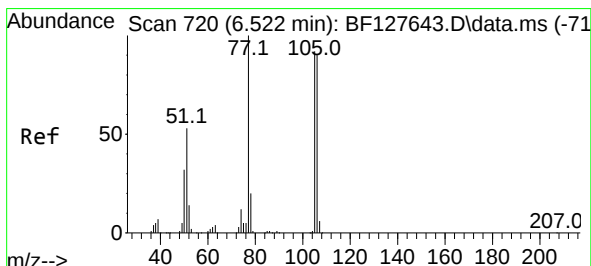
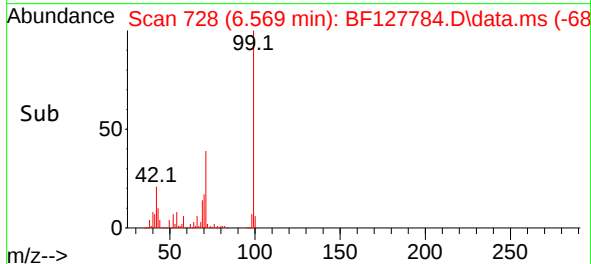
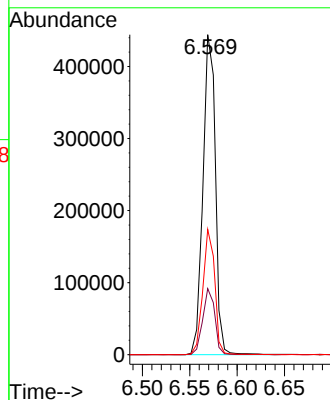
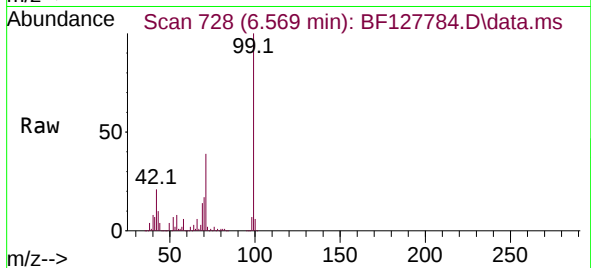




#7
Phenol-d6
Concen: 44.417 ng
RT: 6.569 min Scan# 717
Delta R.T. -0.018 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

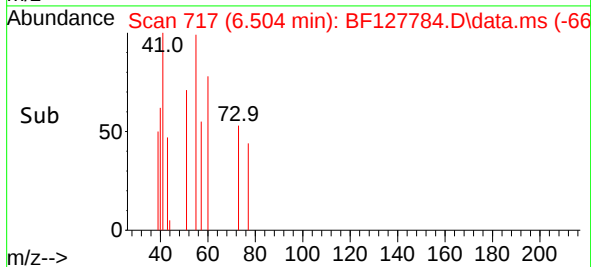
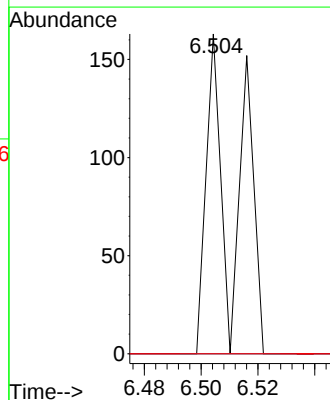
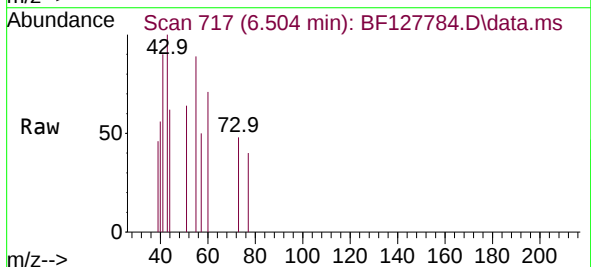
Instrument :
BNA_F
ClientSampleId :
MW-19D

Tgt Ion: 99 Resp: 405339
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.6
71 39.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

Tgt Ion: 77 Resp: 111
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: 19.102 ng

RT: 7.522 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127784.D

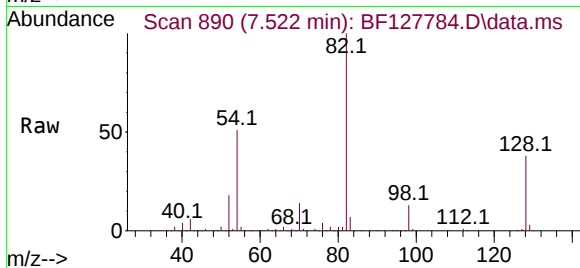
Acq: 13 Apr 2022 15:12

Instrument :

BNA_F

ClientSampleId :

MW-19D



Tgt Ion: 70 Resp: 112744

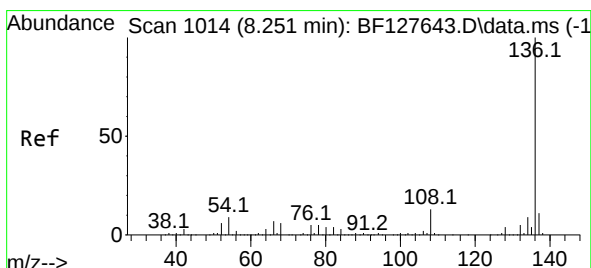
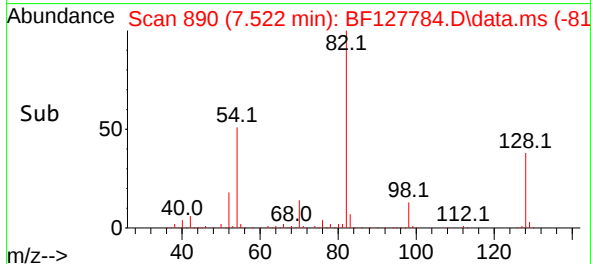
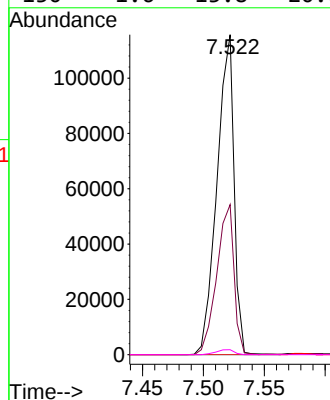
Ion Ratio Lower Upper

70 100

42 46.9 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 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: BF127784.D

Acq: 13 Apr 2022 15:12

Tgt Ion: 136 Resp: 407710

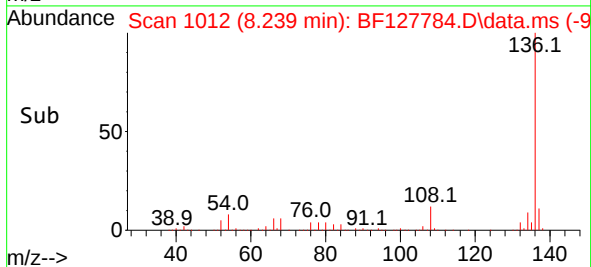
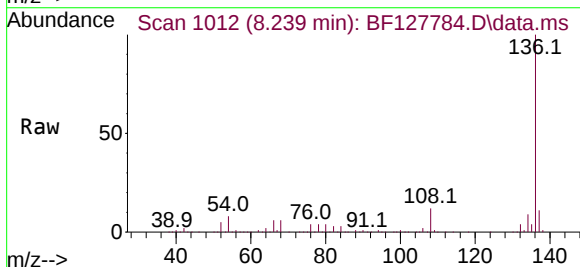
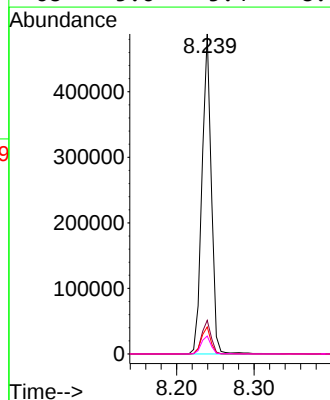
Ion Ratio Lower Upper

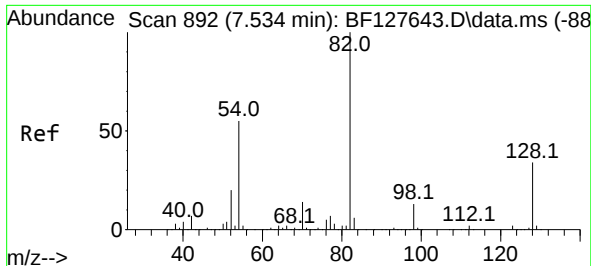
136 100

137 10.5 8.6 13.0

54 8.4 9.2 13.8#

68 5.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 91.695 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127784.D

Acq: 13 Apr 2022 15:12

Instrument :

BNA_F

ClientSampleId :

MW-19D

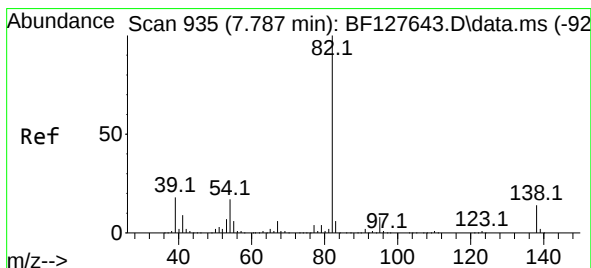
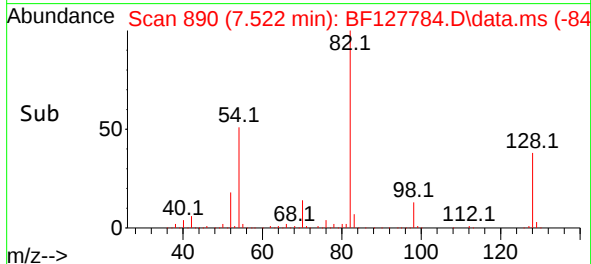
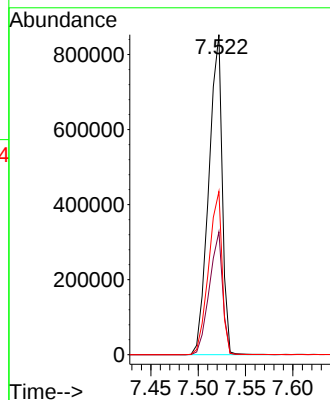
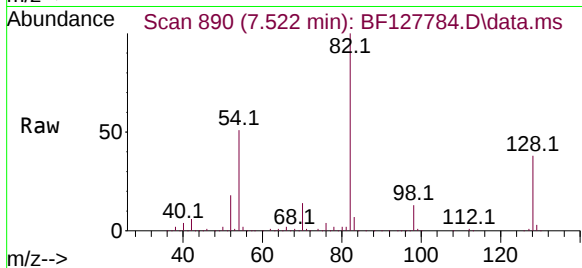
Tgt Ion: 82 Resp: 838581

Ion Ratio Lower Upper

82 100

128 38.4 30.6 45.8

54 51.0 48.2 72.2



#25

Isophorone

Concen: 52.315 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127784.D

Acq: 13 Apr 2022 15:12

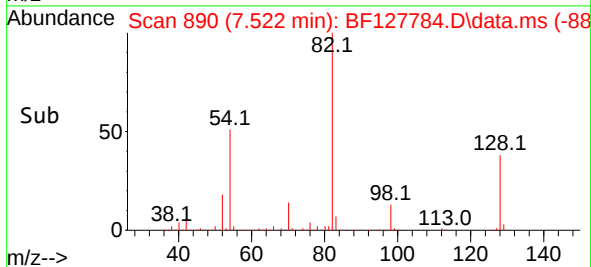
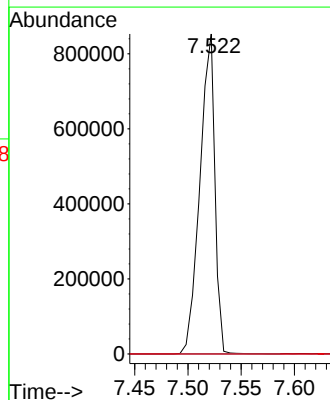
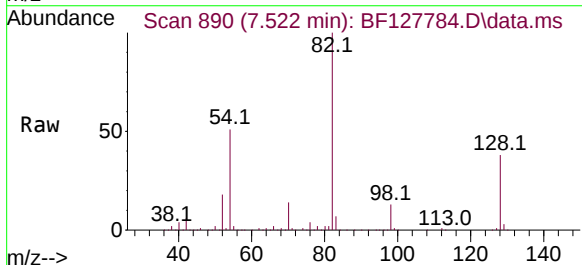
Tgt Ion: 82 Resp: 834845

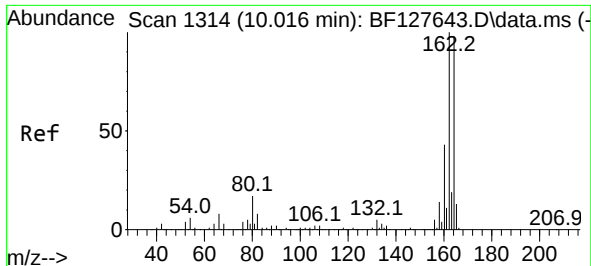
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

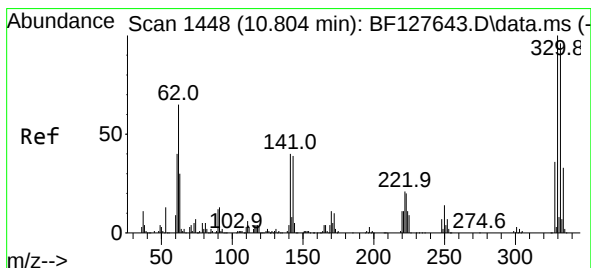
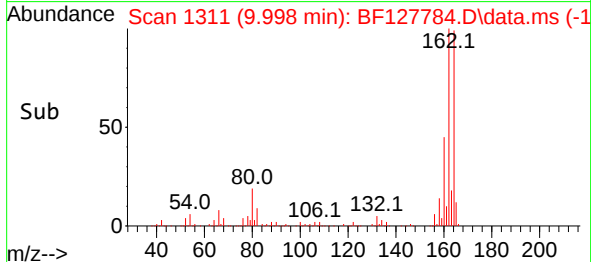
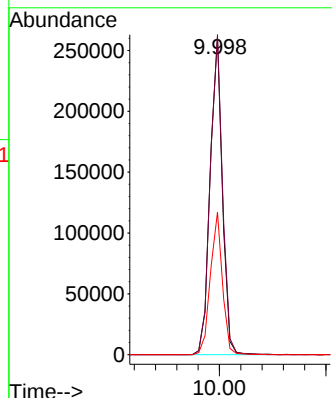
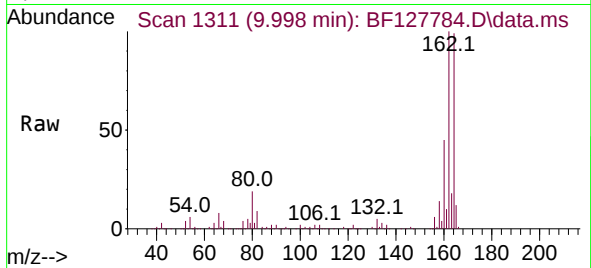




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

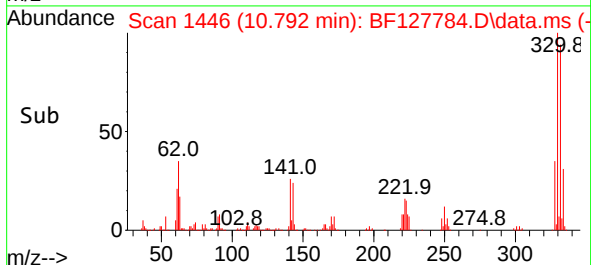
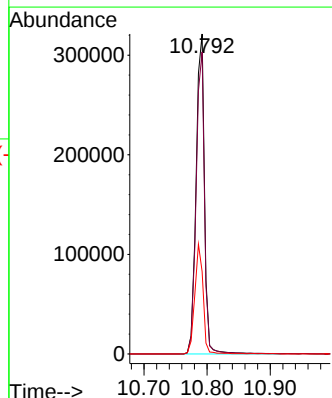
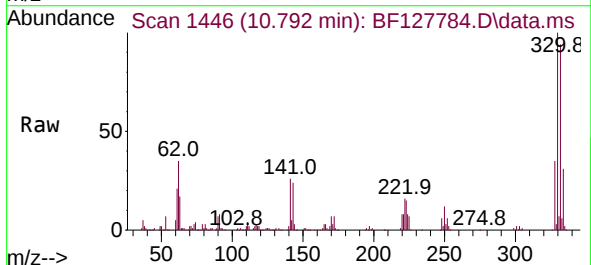
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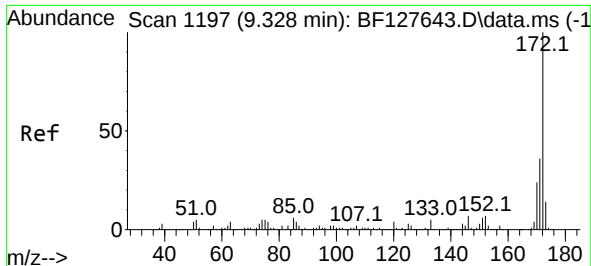
Tgt Ion:164 Resp: 208515
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 44.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 133.530 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

Tgt Ion:330 Resp: 296291
Ion Ratio Lower Upper
330 100
332 94.2 79.1 118.7
141 33.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 94.372 ng

RT: 9.316 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127784.D

Acq: 13 Apr 2022 15:12

Instrument :

BNA_F

ClientSampleId :

MW-19D

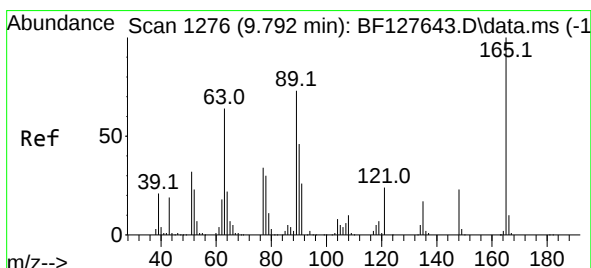
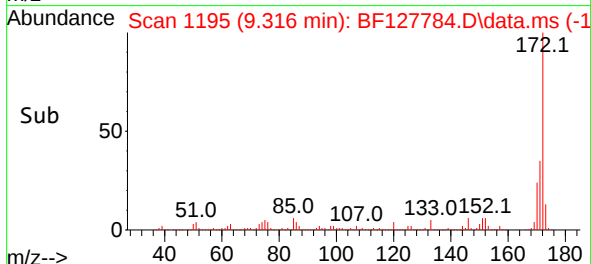
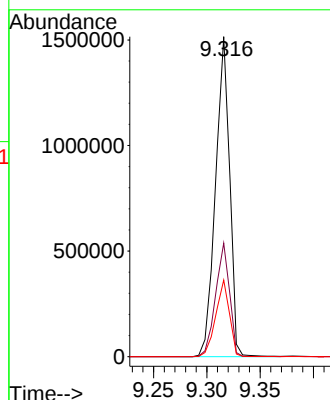
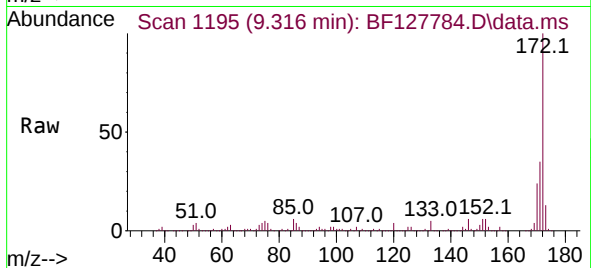
Tgt Ion:172 Resp: 1391004

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.228 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127784.D

Acq: 13 Apr 2022 15:12

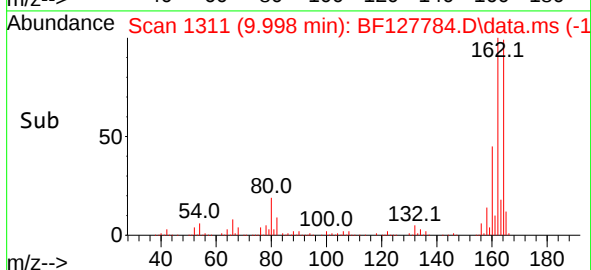
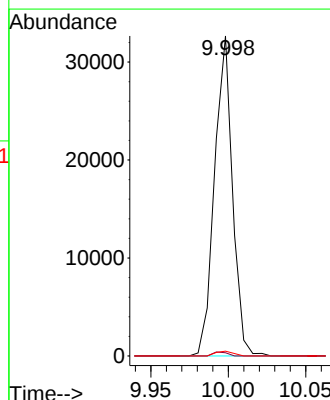
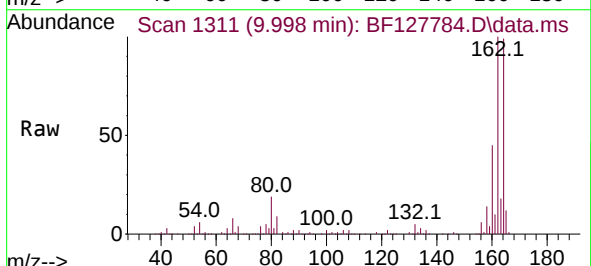
Tgt Ion:165 Resp: 26291

Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.5 51.5 77.3#

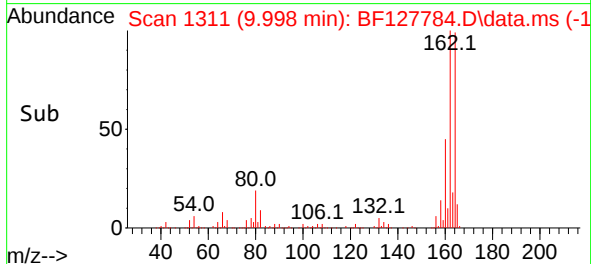
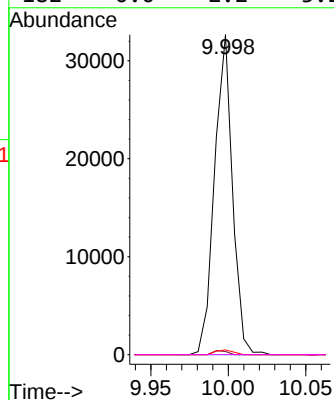
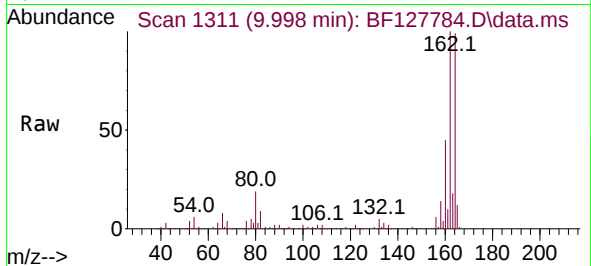




#57
2,4-Dinitrotoluene
Concen: 7.443 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

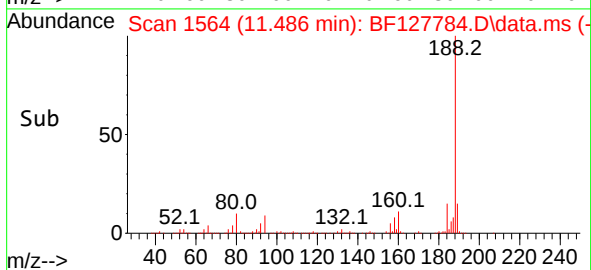
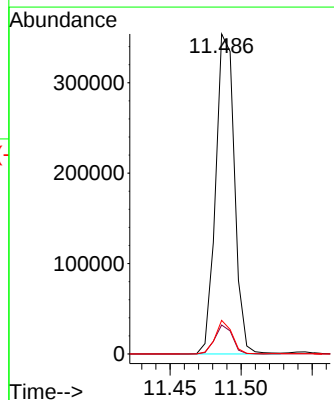
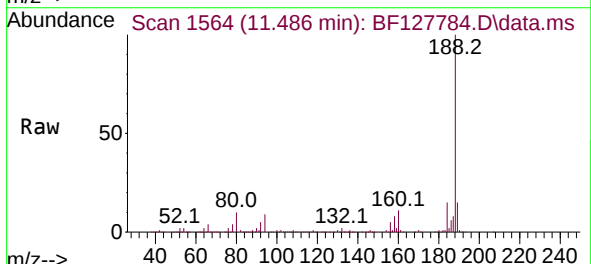
Instrument :
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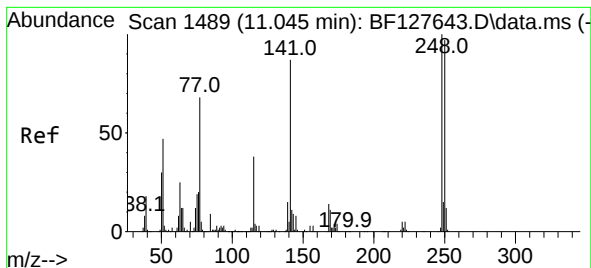
Tgt Ion:165 Resp: 26291
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

Tgt Ion:188 Resp: 324712
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.5 8.0 12.0

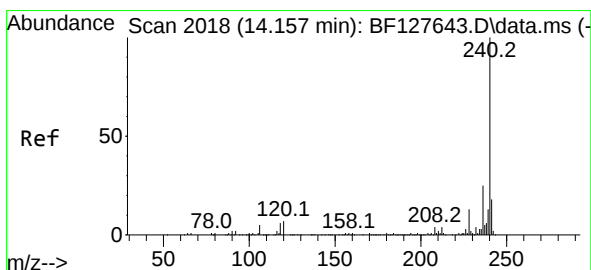
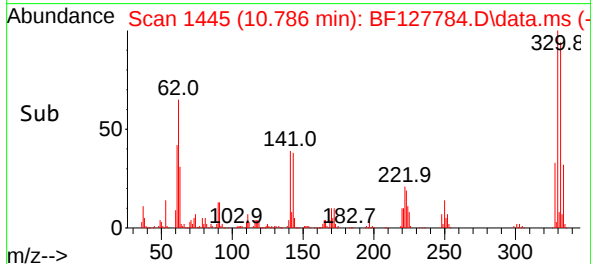
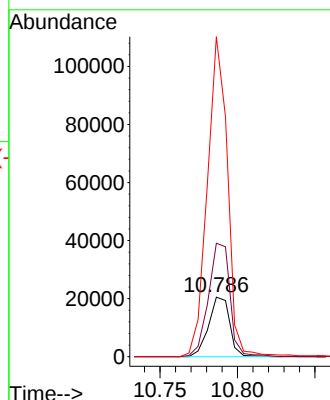
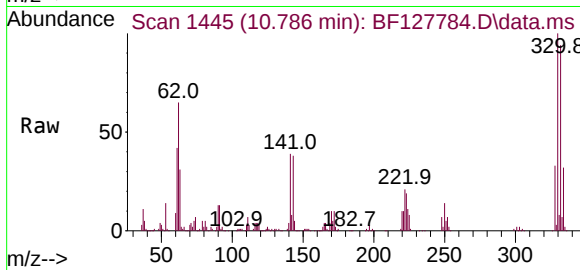




#67
4-Bromophenyl-phenylether
Concen: 4.915 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

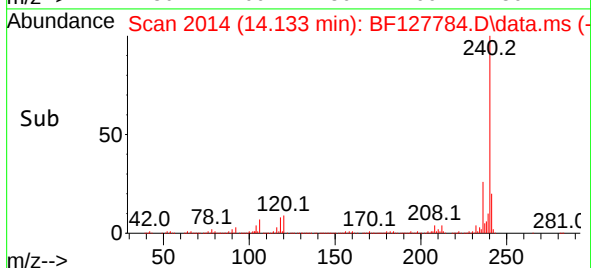
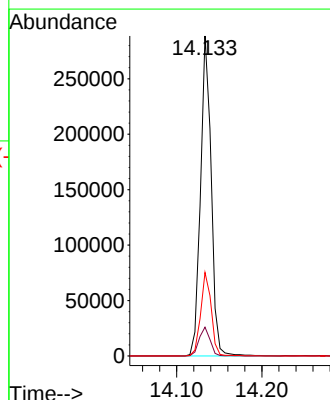
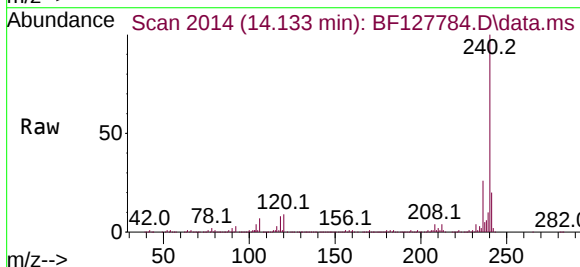
Instrument :
BNA_F
ClientSampleId :
MW-19D

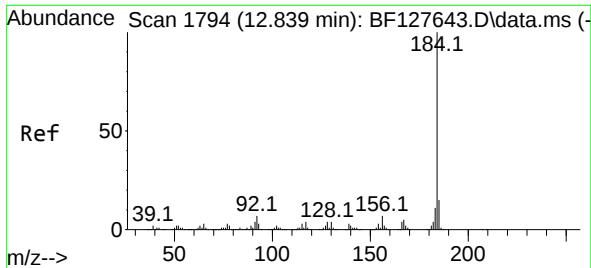
Tgt Ion:248 Resp: 19371
Ion Ratio Lower Upper
248 100
250 190.6 76.6 115.0#
141 537.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

Tgt Ion:240 Resp: 251088
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.1 20.7 31.1

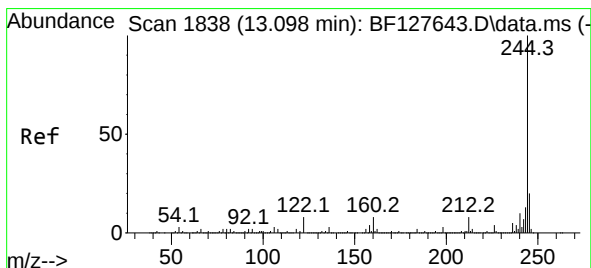
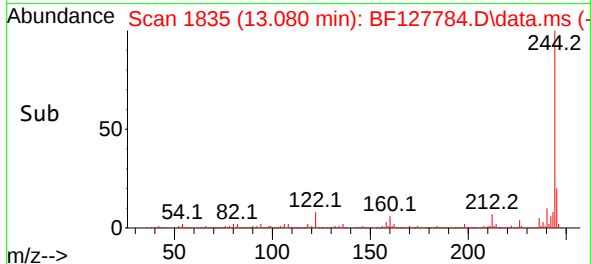
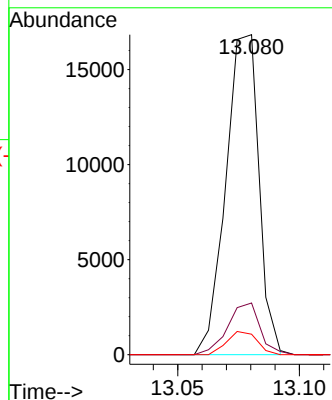
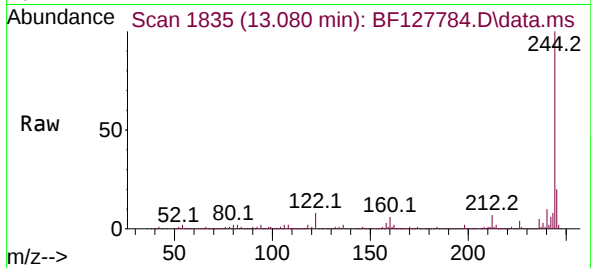




#77
Benzidine
Concen: 2.430 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

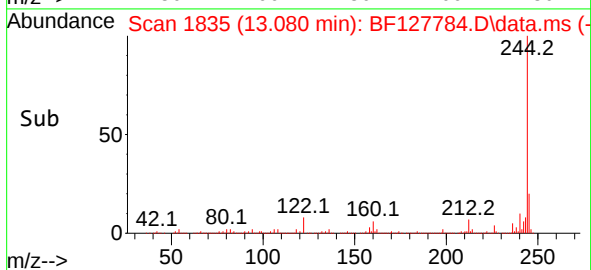
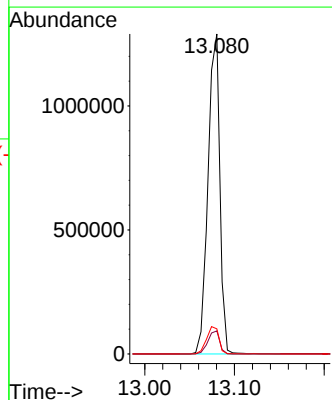
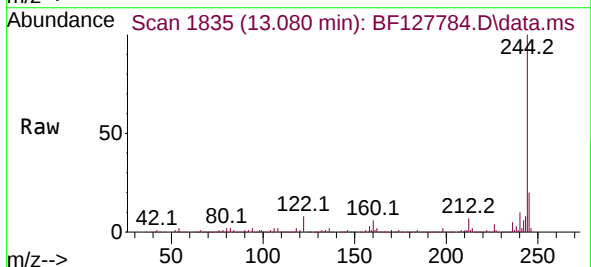
Instrument :
BNA_F
ClientSampleId :
MW-19D

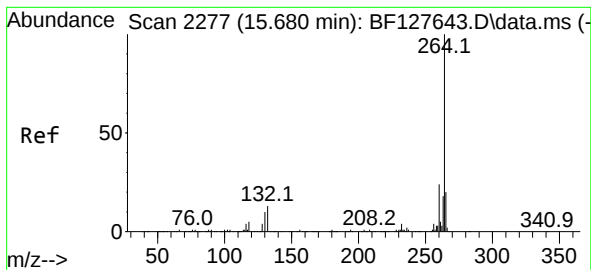
Tgt Ion:184 Resp: 15924
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.2
183 6.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 77.791 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF127784.D
Acq: 13 Apr 2022 15:12

Tgt Ion:244 Resp: 1183343
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 7.9 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: BF127784.D

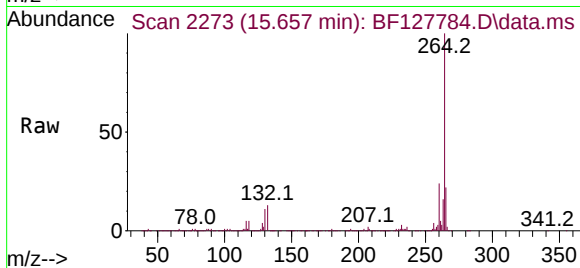
Acq: 13 Apr 2022 15:12

Instrument :

BNA_F

ClientSampleId :

MW-19D



Tgt Ion:264 Resp: 299115

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.6 17.4 26.2

