

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127741.D
 Acq On : 11 Apr 2022 16:25
 Operator : CG\JU
 Sample : N2337-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B250-CU

Quant Time: Apr 12 04:55:37 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)

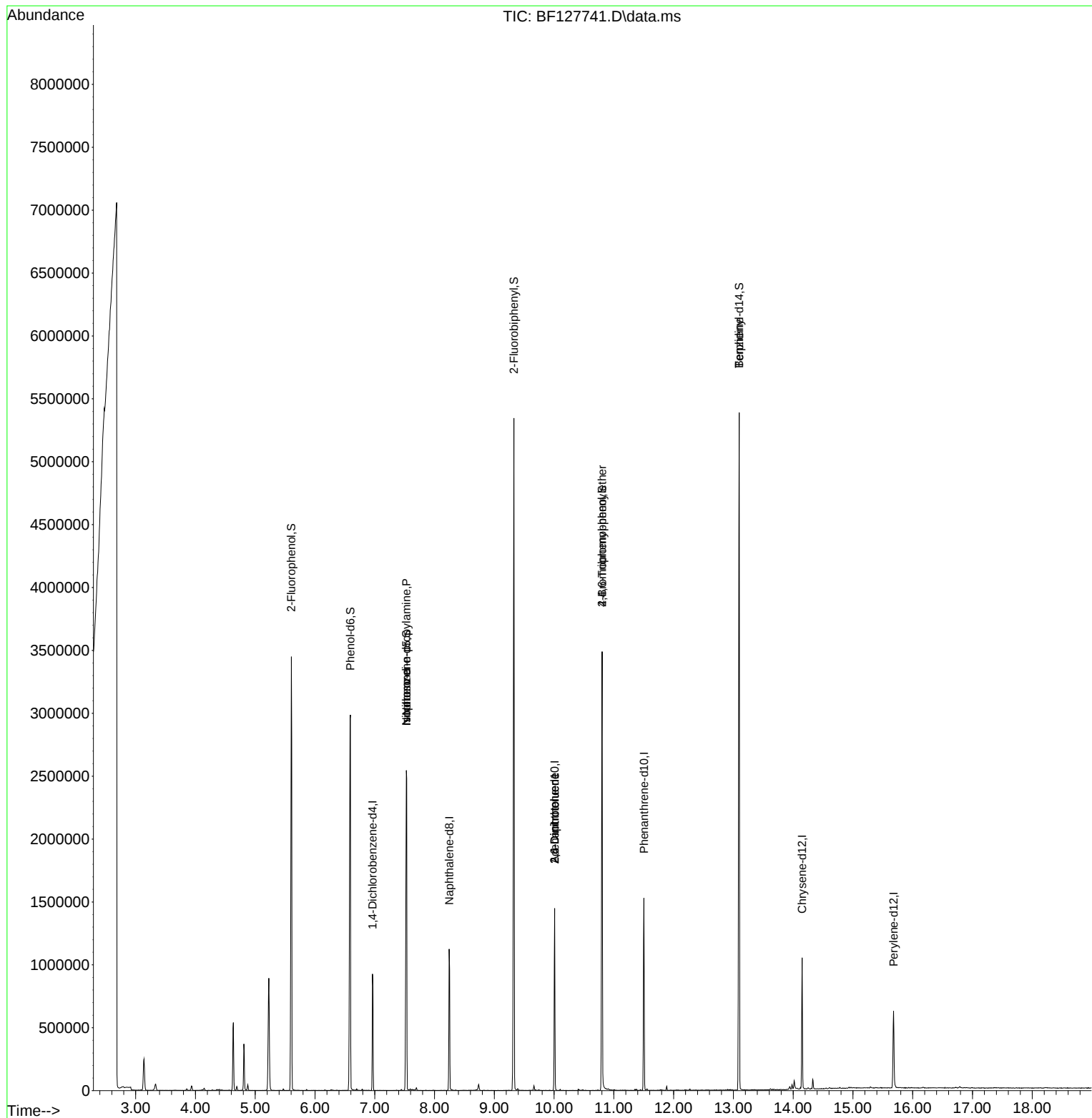
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	132729	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	481169	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	281068	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	539075	20.000	ng	0.00
76) Chrysene-d12	14.151	240	357431	20.000	ng	0.00
86) Perylene-d12	15.680	264	291226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	988965	121.072	ng	0.02
7) Phenol-d6	6.592	99	1188381	111.209	ng	0.01
23) Nitrobenzene-d5	7.528	82	989233	91.654	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	440486	147.271	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1700267	85.578	ng	0.00
79) Terphenyl-d14	13.098	244	2030231	93.755	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.587	77	2439	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	135850	19.656	ng	# 74
25) Isophorone	7.528	82	989221	52.526	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	36338	9.462	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	36338	7.632	ng	# 14
67) 4-Bromophenyl-phenylether	10.804	248	28147	4.302	ng	# 1
77) Benizidine	13.098	184	30315	3.249	ng	# 92

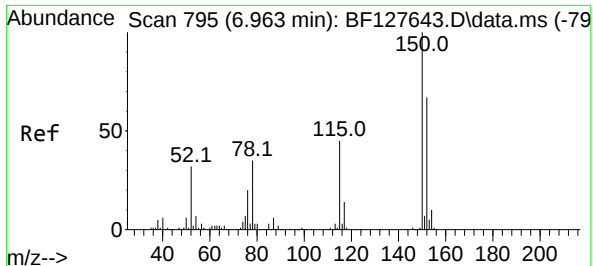
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
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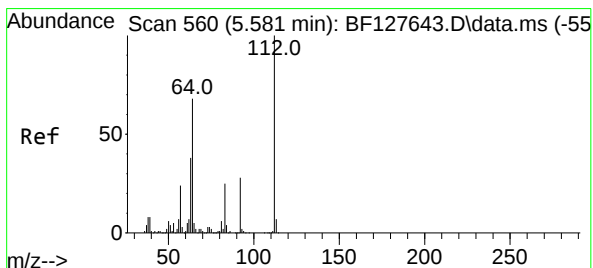
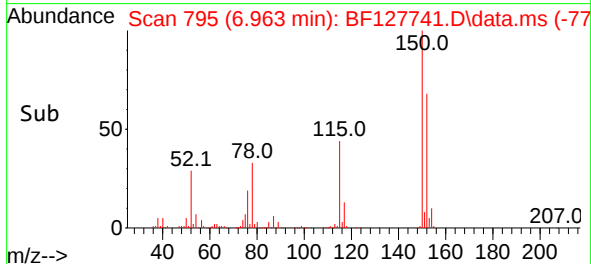
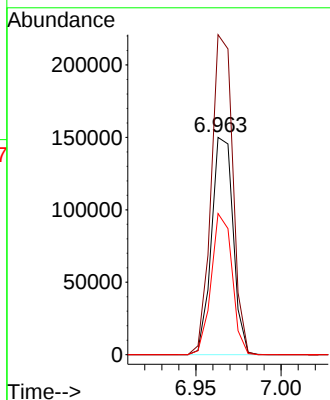
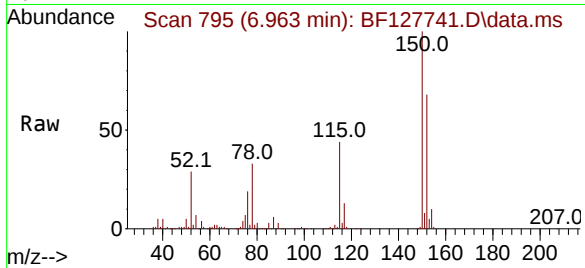




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF127741.D
 Acq: 11 Apr 2022 16:25

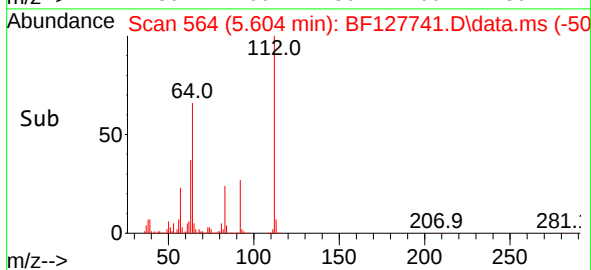
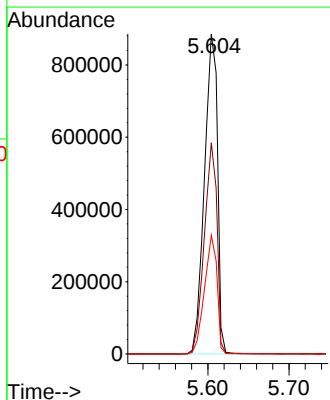
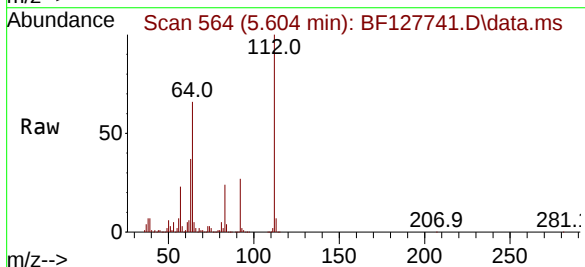
Instrument :
 BNA_F
 ClientSampleId :
 B250-CU

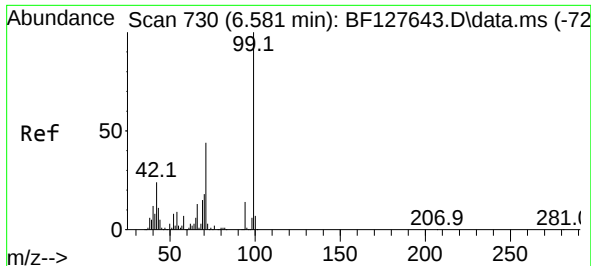
Tgt Ion:152 Resp: 132729
 Ion Ratio Lower Upper
 152 100
 150 147.3 117.2 175.8
 115 65.0 49.8 74.6



#5
 2-Fluorophenol
 Concen: 121.072 ng
 RT: 5.604 min Scan# 564
 Delta R.T. 0.023 min
 Lab File: BF127741.D
 Acq: 11 Apr 2022 16:25

Tgt Ion:112 Resp: 988965
 Ion Ratio Lower Upper
 112 100
 64 66.0 58.4 87.6
 63 37.1 30.1 45.1

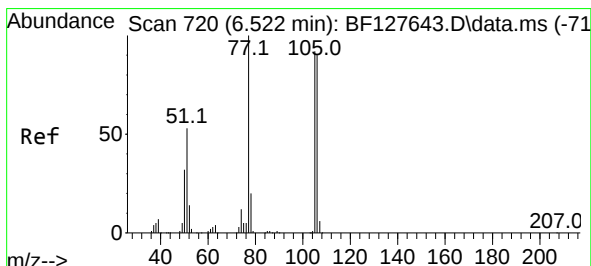
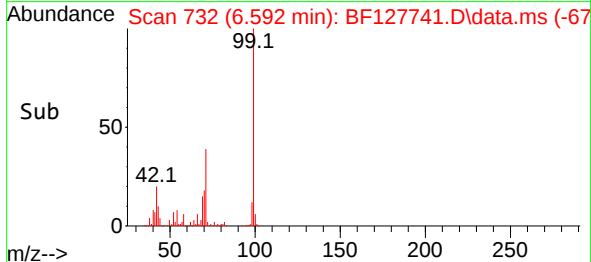
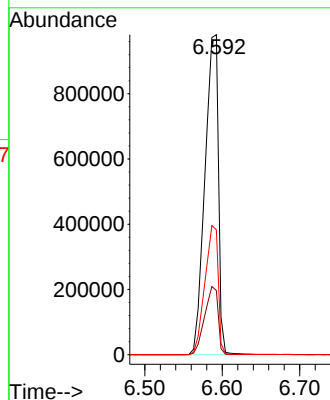
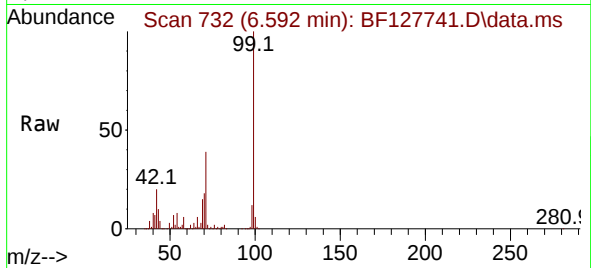




#7
Phenol-d6
Concen: 111.209 ng
RT: 6.592 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

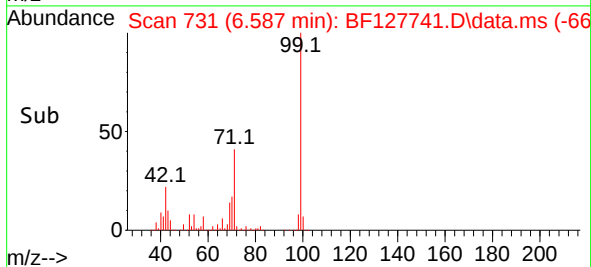
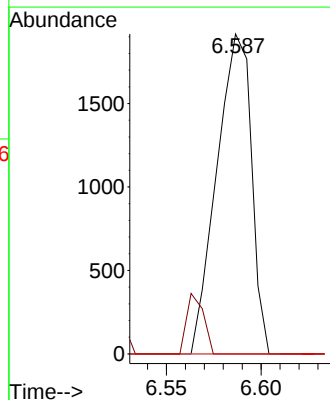
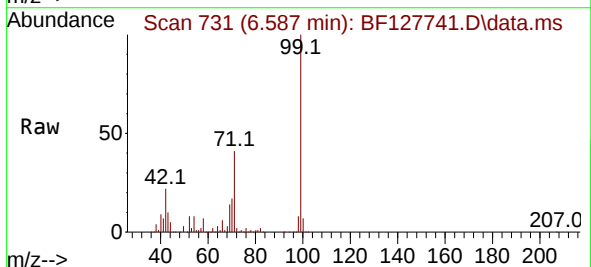
Instrument :
BNA_F
ClientSampleId :
B250-CU

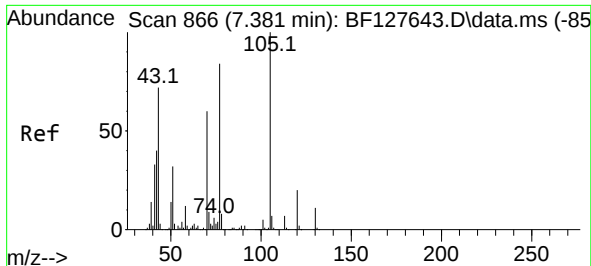
Tgt Ion: 99 Resp: 1188381
Ion Ratio Lower Upper
99 100
42 20.1 17.8 26.6
71 39.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.587 min Scan# 731
Delta R.T. 0.065 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

Tgt Ion: 77 Resp: 2439
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: 19.656 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127741.D

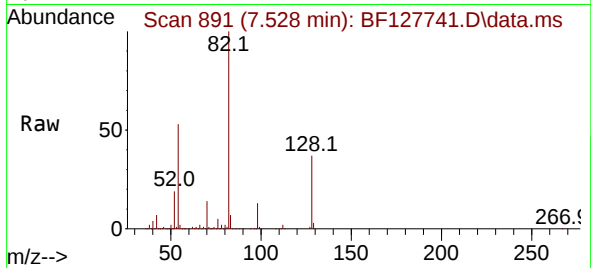
Acq: 11 Apr 2022 16:25

Instrument :

BNA_F

ClientSampleId :

B250-CU



Tgt Ion: 70 Resp: 135850

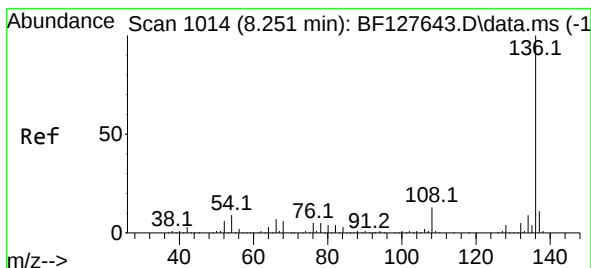
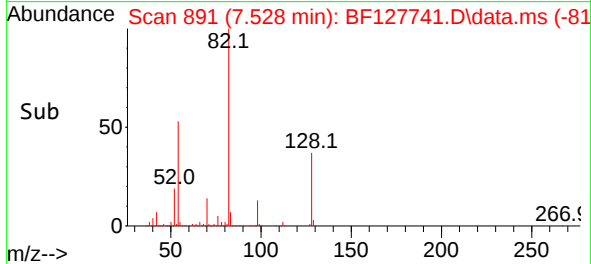
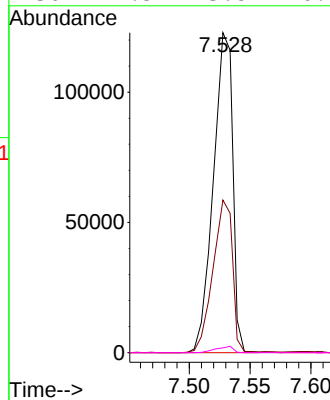
Ion Ratio Lower Upper

70 100

42 47.7 53.0 79.6#

101 0.0 6.8 10.2#

130 1.5 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: BF127741.D

Acq: 11 Apr 2022 16:25

Tgt Ion: 136 Resp: 481169

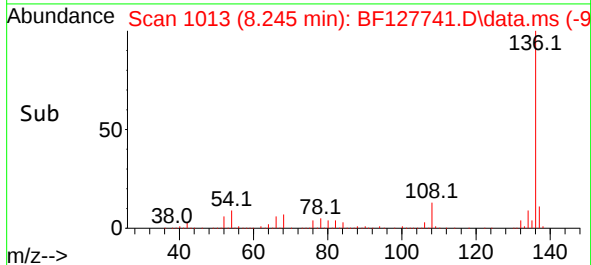
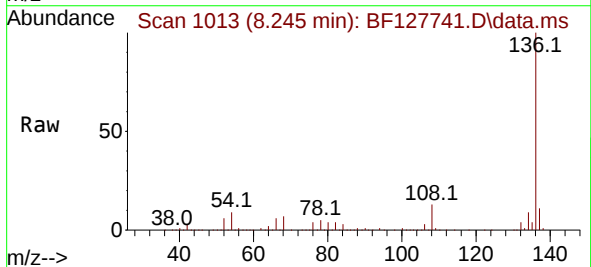
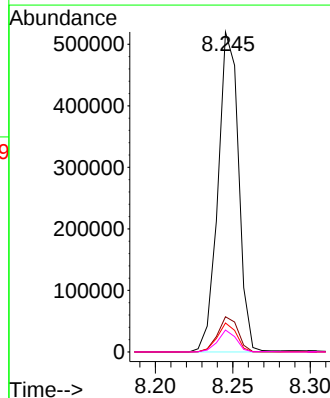
Ion Ratio Lower Upper

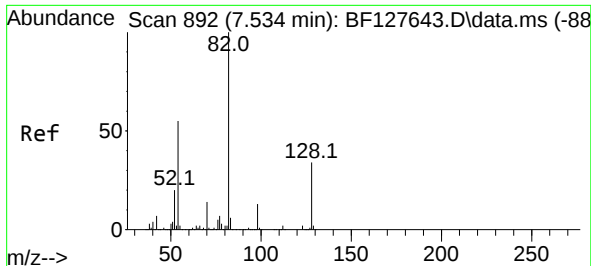
136 100

137 11.0 8.6 13.0

54 9.1 9.2 13.8#

68 6.9 5.4 8.0

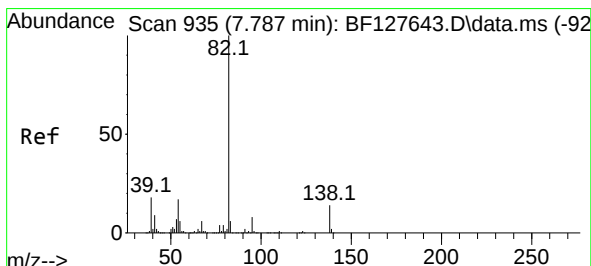
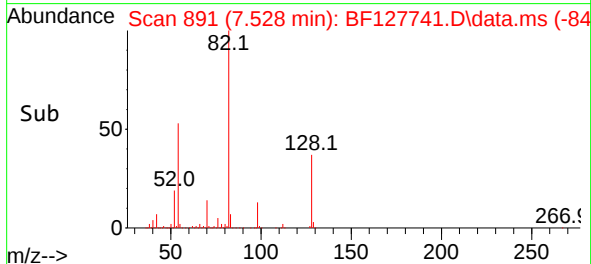
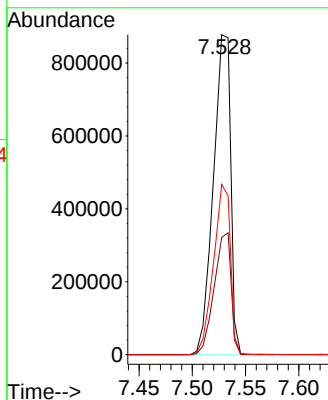
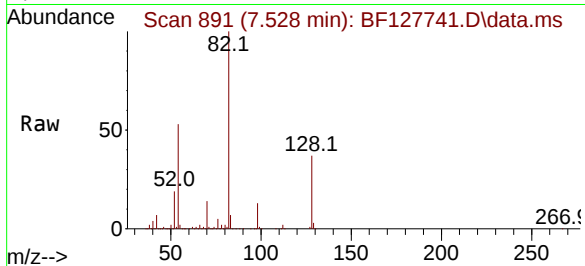




#23
Nitrobenzene-d5
Concen: 91.654 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

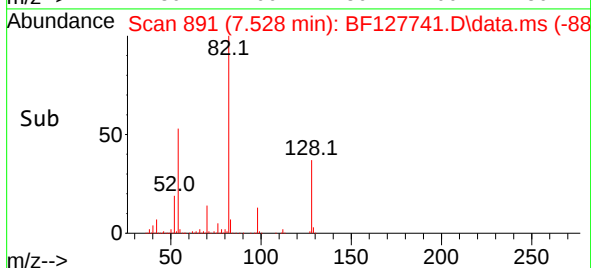
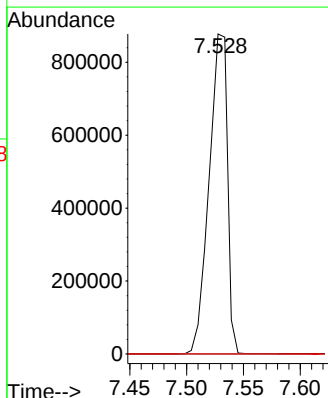
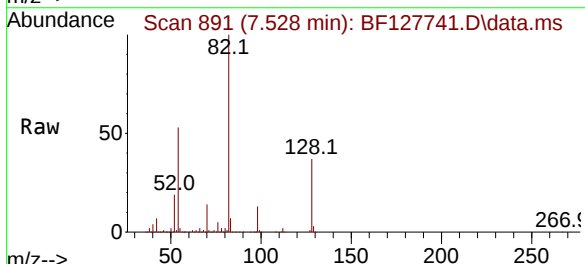
Instrument :
BNA_F
ClientSampleId :
B250-CU

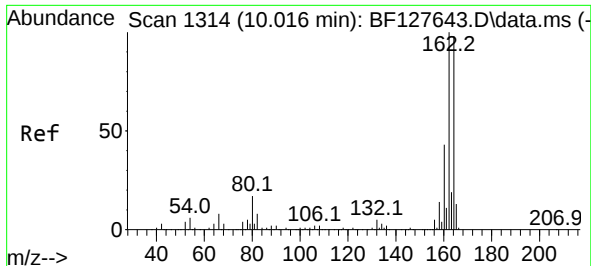
Tgt Ion: 82 Resp: 989233
Ion Ratio Lower Upper
82 100
128 36.7 30.6 45.8
54 53.2 48.2 72.2



#25
Isophorone
Concen: 52.526 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

Tgt Ion: 82 Resp: 989221
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

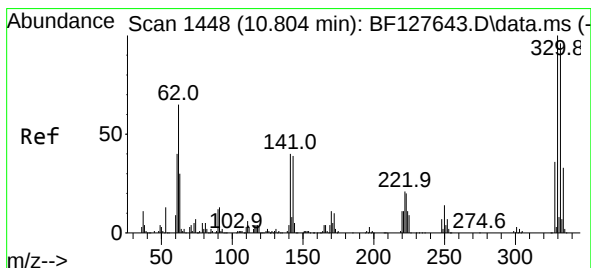
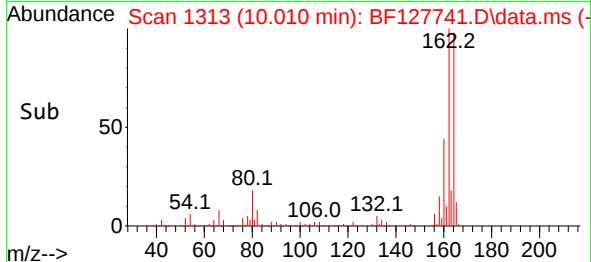
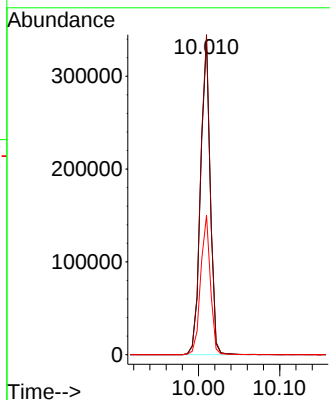
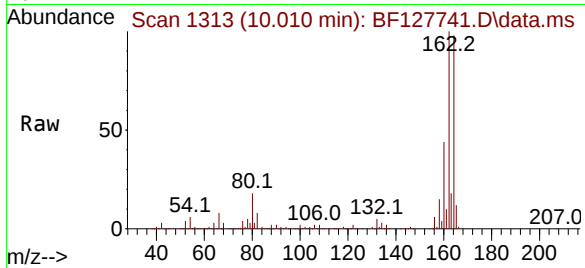




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

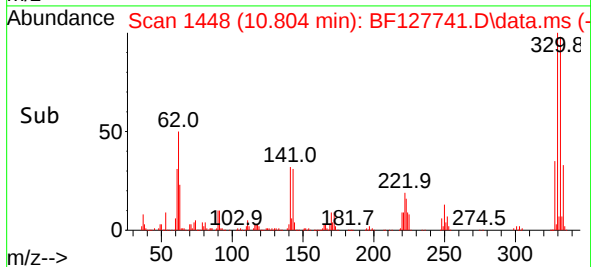
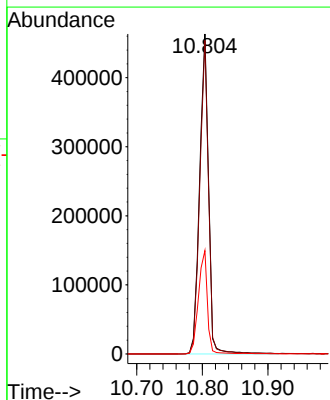
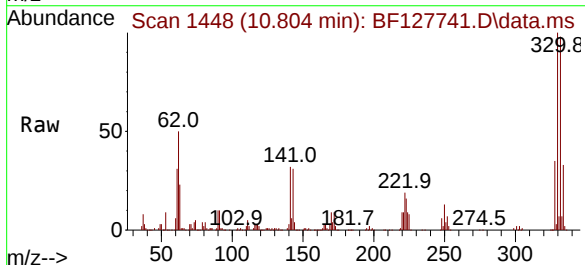
Instrument :
BNA_F
ClientSampleId :
B250-CU

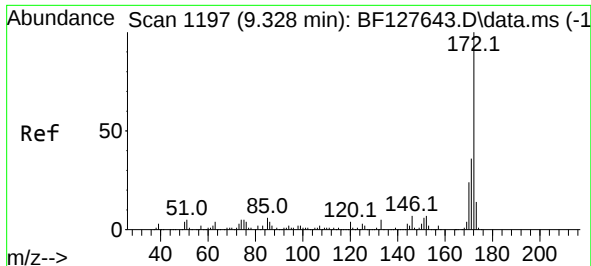
Tgt Ion:164 Resp: 281068
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 44.3 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 147.271 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

Tgt Ion:330 Resp: 440486
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 32.2 26.2 39.4

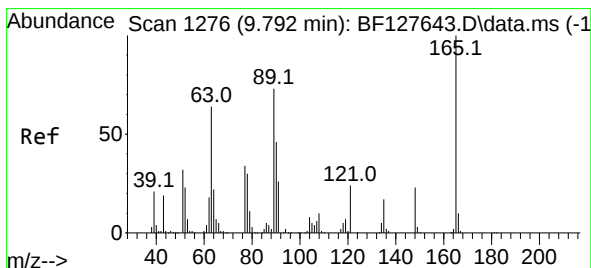
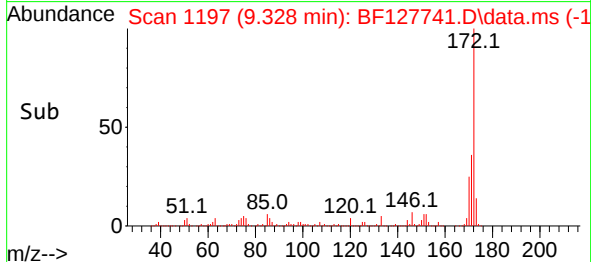
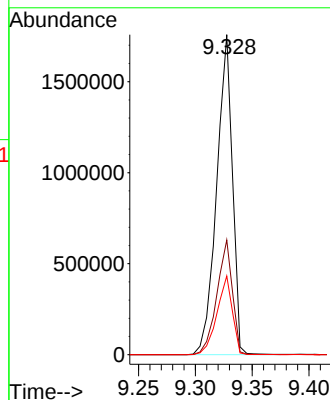
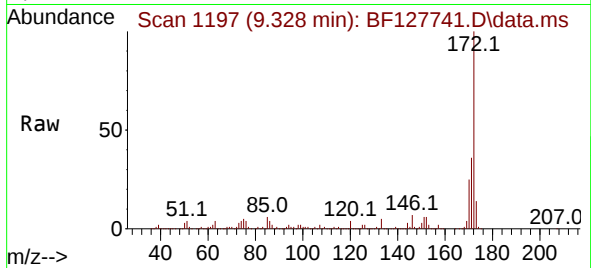




#45
2-Fluorobiphenyl
Concen: 85.578 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

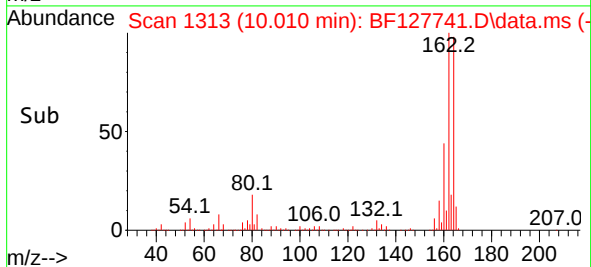
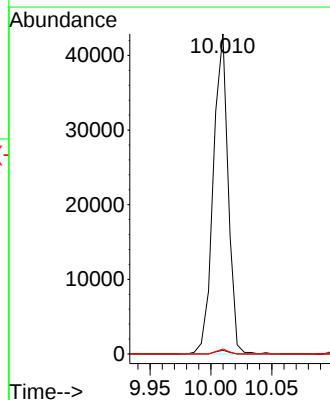
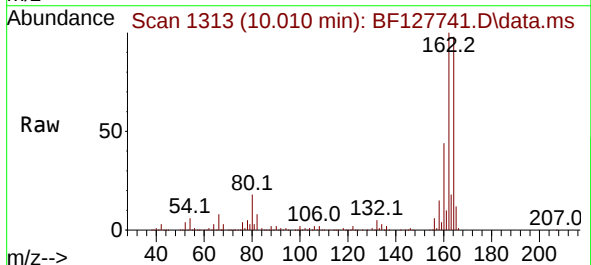
Instrument :
BNA_F
ClientSampleId :
B250-CU

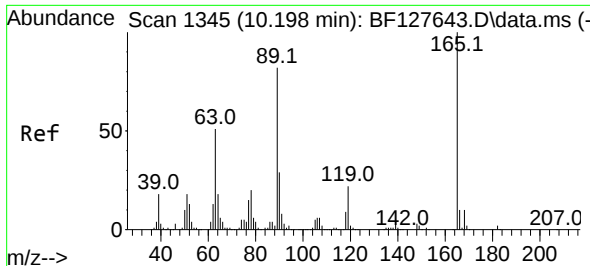
Tgt Ion:172 Resp: 1700267
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.462 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

Tgt Ion:165 Resp: 36338
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.5 51.5 77.3#

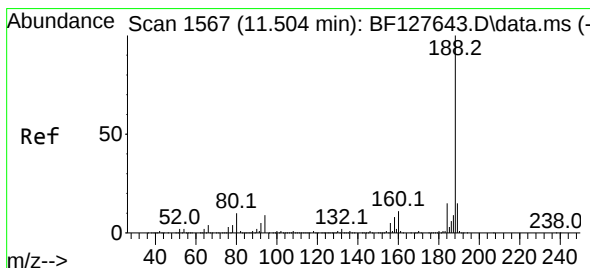
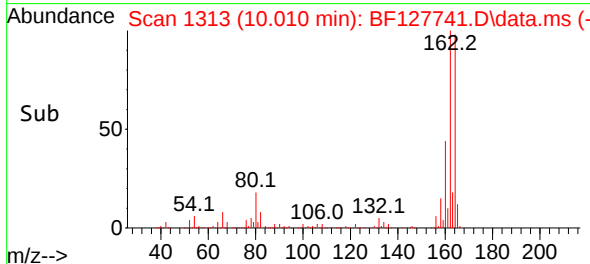
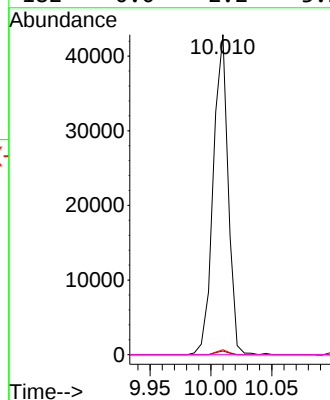
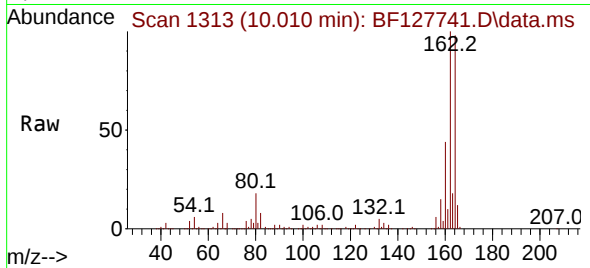




#57
2,4-Dinitrotoluene
Concen: 7.632 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

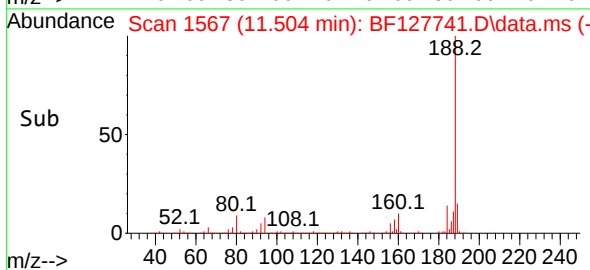
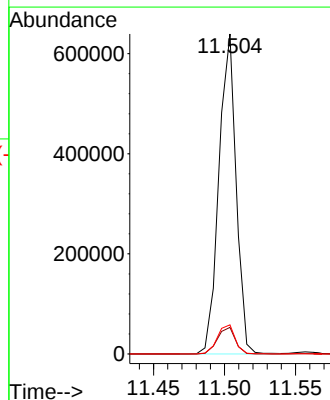
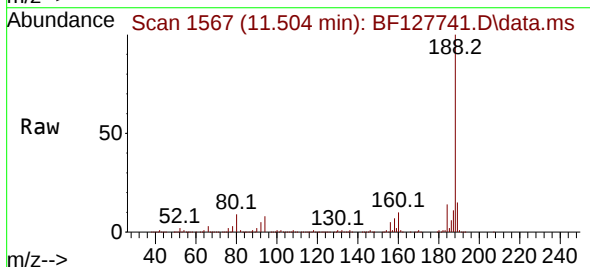
Instrument :
BNA_F
ClientSampleId :
B250-CU

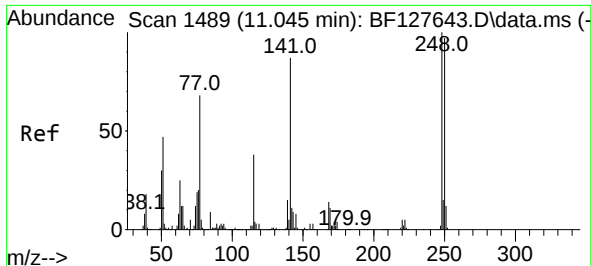
Tgt Ion:165 Resp: 36338
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

Tgt Ion:188 Resp: 539075
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.0
80 9.1 8.0 12.0

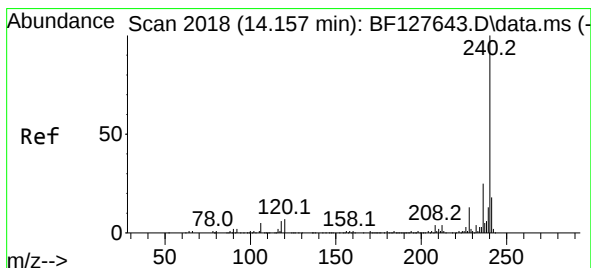
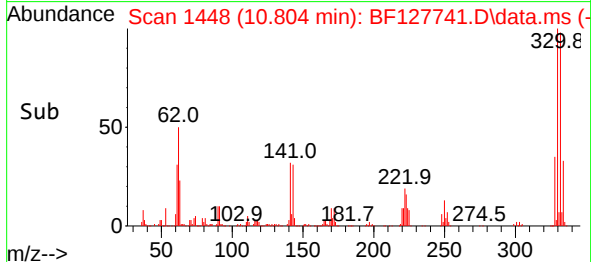
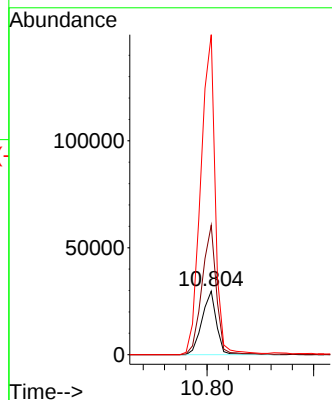
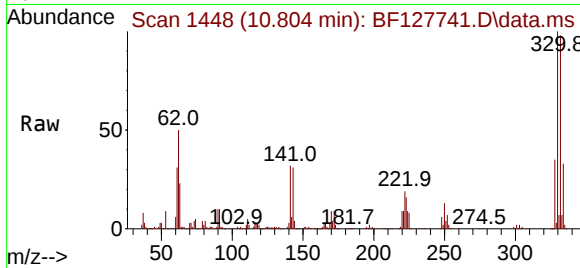




#67
4-Bromophenyl-phenylether
Concen: 4.302 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

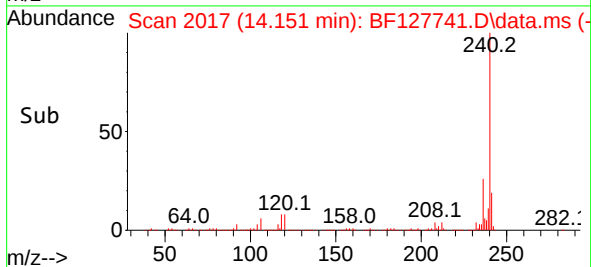
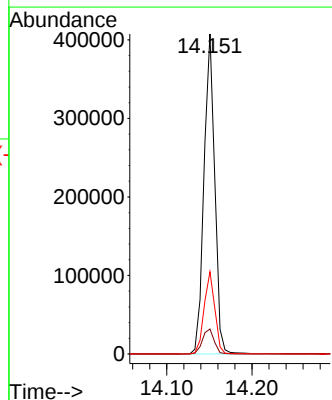
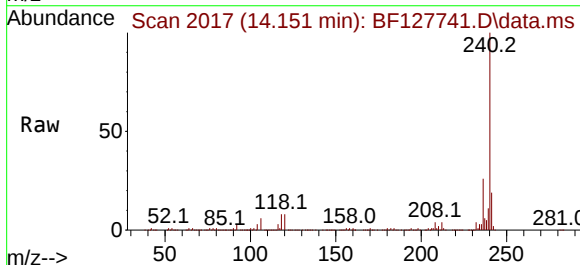
Instrument :
BNA_F
ClientSampleId :
B250-CU

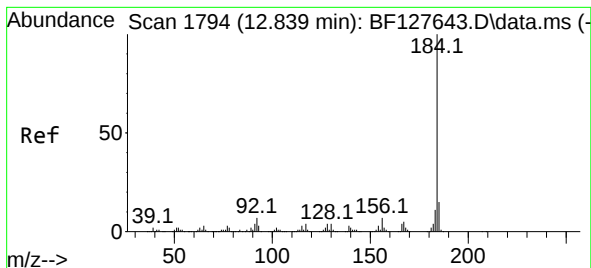
Tgt Ion:248 Resp: 28147
Ion Ratio Lower Upper
248 100
250 203.7 76.6 115.0#
141 503.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127741.D
Acq: 11 Apr 2022 16:25

Tgt Ion:240 Resp: 357431
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 25.7 20.7 31.1





#77

Benzidine

Concen: 3.249 ng

RT: 13.098 min Scan# 1838

Delta R.T. 0.259 min

Lab File: BF127741.D

Acq: 11 Apr 2022 16:25

Instrument :

BNA_F

ClientSampleId :

B250-CU

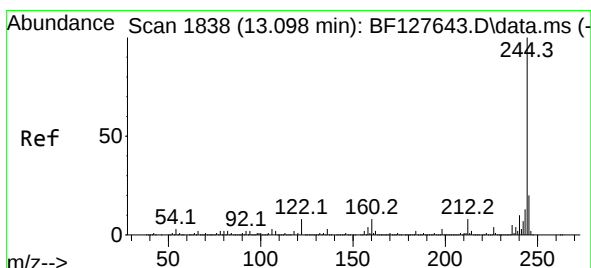
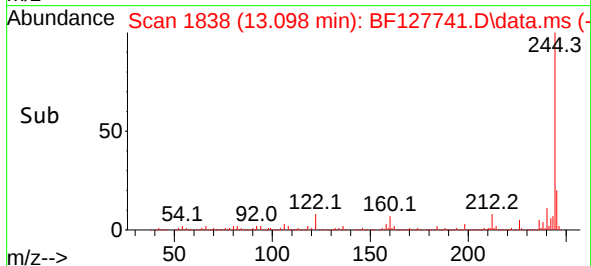
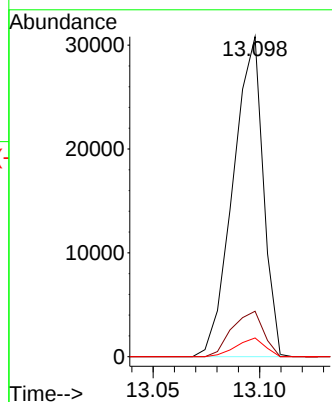
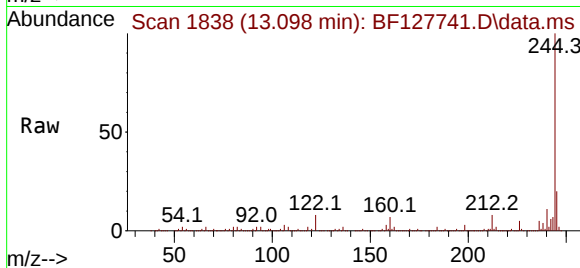
Tgt Ion:184 Resp: 30315

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

183 5.8 9.4 14.0#



#79

Terphenyl-d14

Concen: 93.755 ng

RT: 13.098 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BF127741.D

Acq: 11 Apr 2022 16:25

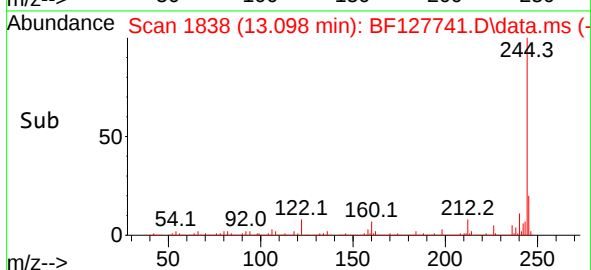
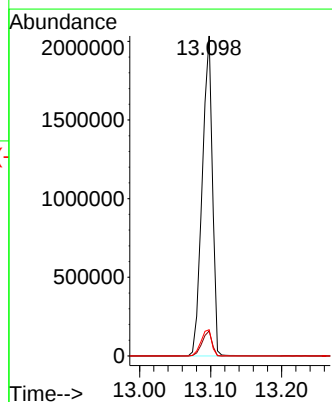
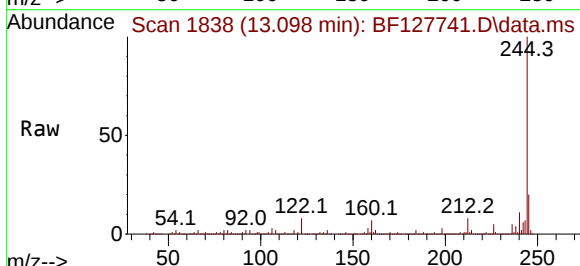
Tgt Ion:244 Resp: 2030231

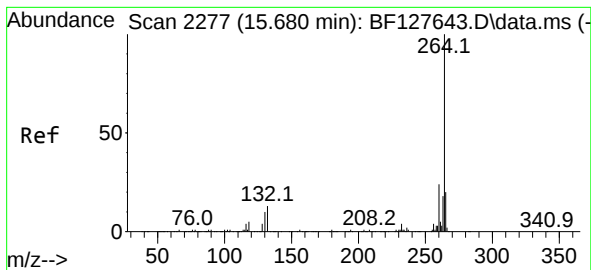
Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 8.2 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127741.D

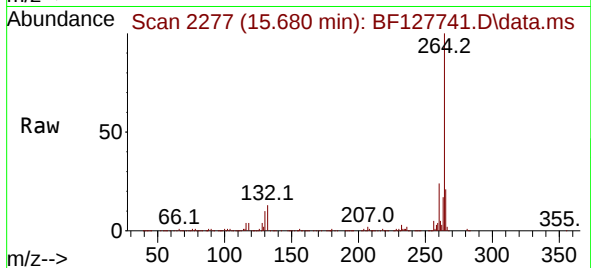
Acq: 11 Apr 2022 16:25

Instrument :

BNA_F

ClientSampleId :

B250-CU



Tgt Ion:264 Resp: 291226

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 20.9 17.4 26.2

